

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU-44426
1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> SINGLE <input type="checkbox"/> MULTIPLE <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/> ZONE <input type="checkbox"/> ZONE <input type="checkbox"/>		6. IF INDIAN, ALOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Inland Production Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 790233 Vernal, UT 84079 Phone: (801) 789-1866		8. FARM OR LEASE NAME Jonah
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface SW/NE At proposed Prod. Zone 2111' FNL & 1905' FEL		9. WELL NO. #7-7
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12.9 Miles south of Myton, Utah		10. FIELD AND POOL OR WILDCAT Monument Butte
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1905'	16. NO. OF ACRES IN LEASE 440	11. SBC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7, T9S, R17E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 6500'	19. PROPOSED DEPTH 6500'	12. County Duchesne
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5307.4' GR		13. STATE UT
23. PROPOSED CASING AND CEMENTING PROGRAM		22. APPROX. DATE WORK WILL START* 1st Quarter 1998

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	300'	120 sx
7 7/8"	5 1/2"	15.5#	TD	400 sx followed by 330 sx
				See Detail Below

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.
SURFACE PIPE - Premium Plus Cement, w/ 2% Gel, 2% CaCl₂, 1/4# /sk Flocele

Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H₂O Req: 6.4 Gal/sk

LONG STRING - Lead: Hibond 65 Modified


Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H₂O Req: 18.08 Gal/sk

Tail: Premium Plus Thixotropic

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H₂O Req: 7.88 Gal/sk

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.  SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 11/5/97

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY  TITLE _____

**Assistant Field Manager
Mineral Resources**

DATE

JAN 06 1998

LETTER OF APPROVAL

***See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Jonah 7-7

API Number: 430-13-31988

Lease Number: U-44426

Location: SWNE Sec. 07 T. 9S R. 17E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative by the operator to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report **ALL** water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the usable water zone identified at ± 322 ft. or by setting the surface casing at ± 372 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

The Gamma Ray and Induction Logs need to be pulled from TD to the Surface Shoe.

A cement bond log (CBL) will be run from the production casing shoe to **TOP OF CEMENT** if the surface casing is set at ± 372 ft. or it will be run to **Surface** if the surface casing is set at ± 300 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids

SURFACE USE PROGRAM

Location Reclamation

The reserve pit and those portions of the location not needed for production facilities and/or operations shall be reclaimed and recontoured in accordance with the APD.

Stockpiled topsoil shall then be spread over the rehabilitated areas to approximate the original topsoil thickness. Stockpile enough topsoil near the reserve pit so that when the reserve pit is reclaimed, this can be spread over the reserve pit location.

Immediately after spreading, the rehabilitated areas and the remaining topsoil stockpile shall be seeded by broadcasting the seed and then walking the seed in with a crawler tractor.

Needle and Thread	Stipa comata	3 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
fourwing saltbush	Atriplex canescens	4 lbs/acre
Western wheatgrass	Agropyron smithii	2 lbs/acre

The seed mixture can be aerially broadcast then the dirt worker can use a crawler tractor to work the seed into the soil. All seed poundage are in Pure Live Seed. If broadcast the seed poundage shall be doubled.

Upon final abandonment if additional recontouring is needed for these areas previously reclaimed, the topsoil shall be removed prior to the final recontouring.

Recountour all disturbed areas to blend in appearance with the surrounding terrain.

All topsoil shall be spread over the recontoured surface and the surface reseeded with the seed mixture above.

Other Information

To identify possible paleontological materials the operator is required to have a qualified paleontologist present during the construction of the location and access road.

**UNITED STATES
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BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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2. NAME OF OPERATOR Inland Production Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 790233 Vernal, UT 84079		8. FARM OR LEASE NAME Jonah
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface SW/NE At proposed Prod. Zone 2111' FNL & 1905' FEL <i>644 681</i>		9. WELL NO. #7-7
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21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5307.4' GR		13. STATE UT
22. APPROX. DATE WORK WILL START* 1st Quarter 1998		

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SURFACE PIPE - Premium Plus Cement, w/ 2% Gel, 2% CaCl₂, 1/4# /sk Flocele

Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H₂O Req: 6.4 Gal/sk

LONG STRING - Lead: Hibond 65 Modified

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If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED <i>Cheryl Cameron</i>	TITLE Regulatory Compliance Specialist	DATE 11/5/97
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(This space for Federal or State office use)

PERMIT NO. 43-013-31988	APPROVAL DATE
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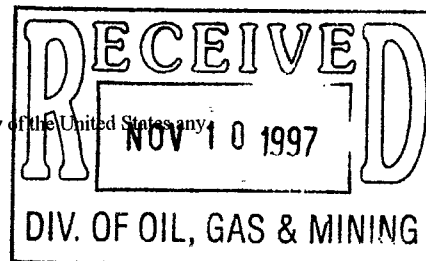
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY <i>John R. Baye</i>	TITLE Associate Director	DATE 12/18/97
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Utah DOGM

***See Instructions On Reverse Side**

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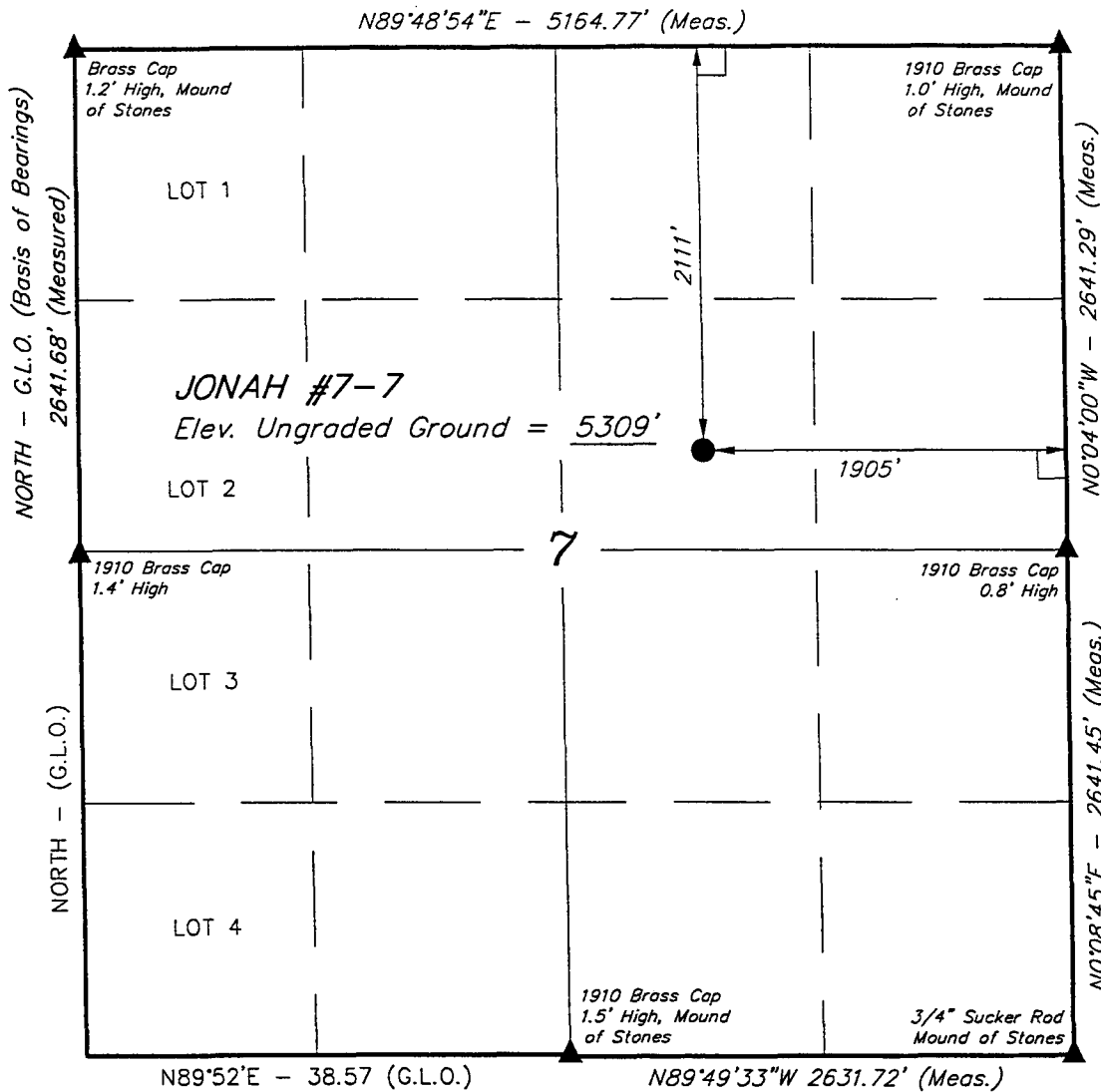
T9S, R17E, S.L.B.&M.

INLAND PRODUCTION CO.

Well location, JONAH #7-7, located as shown in the SW 1/4 NE 1/4 of Section 7, T9S, R17E, S.L.B.&M. Duchesne County, Utah.

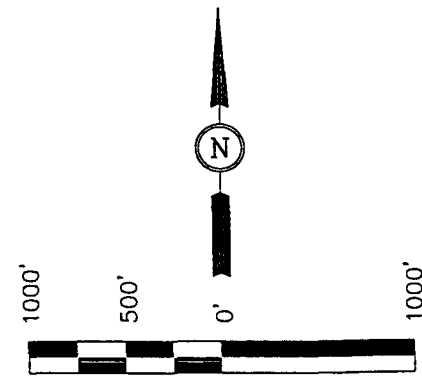
BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 7, T9S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5265 FEET.



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 9-25-97	DATE DRAWN: 10-1-97
PARTY D.A. K.H. J.L.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

**INLAND PRODUCTION COMPANY
JONAH #7-7
SW/NE SECTION 7,T9S, R17E
DUCHESNE COUNTY, UTAH**

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Jonah #7-7 located in the SW 1/4 NE 1/4 Section 7,T9S, R17E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles \pm to the junction of this highway and Utah State Highway 53; proceed southeasterly along Utah State Highway 53 - 6.3 miles to its junction with a dirt road to the southeast; proceed southeasterly 5.1 miles to its junction with a dirt road to the southwest; proceed ssouthwesterly 2.4 miles to the beginning of the access road, in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

The proposed access road is approximately 0.2 miles \pm to the proposed location. See Topographic Map "B".

The proposed access road will be upgraded with an 18" crown road (9" either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to Exhibit "D".

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to BLM specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system, for the purpose of drilling and completing the Jonah #7-7, or trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

A small reserve pit (80 X 40 X 8' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the well bore. Any drilling fluids which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

All completion fluids, frac gels, etc., will be contained in steel tanks and hauled away to approved commercial disposal, as necessary.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for re-injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the west between stakes 4 & 5.

The stockpiled topsoil (first six (6) inches) will be stored on the southwest corner, between stakes 2 & 4.

Access to the well pad will be from the north between stakes 7 & 8.

Corners #4 & #8 will be rounded to avoid drainage.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/ operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion . Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report is attached.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Inland Production Company guarantees that during the drilling and completion of the Jonah #7-7 we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Jonah #7-7, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Cheryl Cameron
Address: P.O. Box 790233 Vernal, Utah 84079
Telephone: (801) 789-1866

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #7-7 SW/NE Section 7, Township 9S, Range 17E: Lease #UTU-44426 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

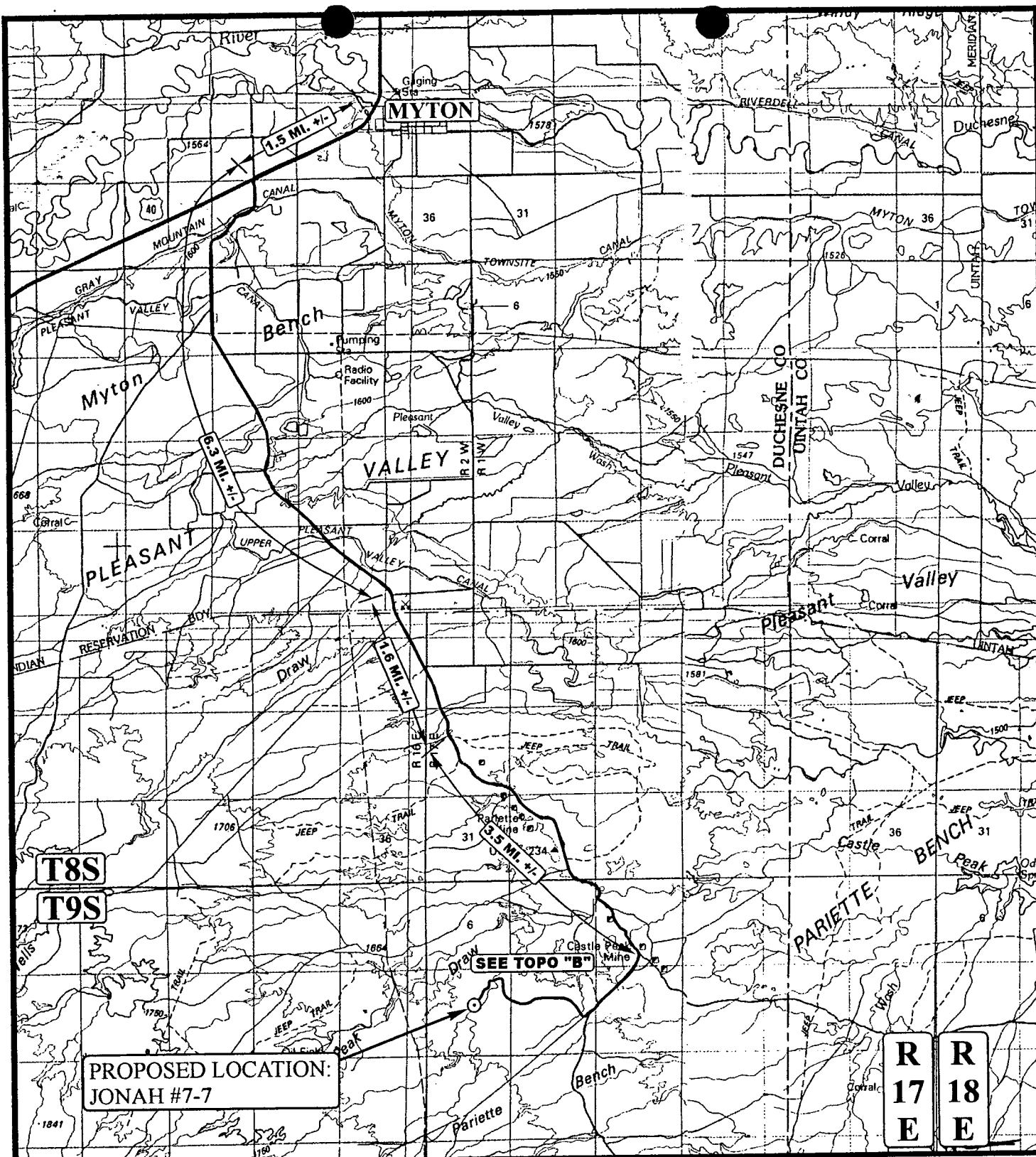
I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

11/5/97

Date



Cheryl Cameron
Regulatory Compliance Specialist



LEGEND:

○ PROPOSED LOCATION

INLAND PRODUCTION CO.

JONAH #7-7

SECTION 7, T9S, R17E, S.L.B.&M.

2111' FNL 1905' FEL



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(801) 789-1017 * FAX (801) 789-1813
Email: uels@easilink.com

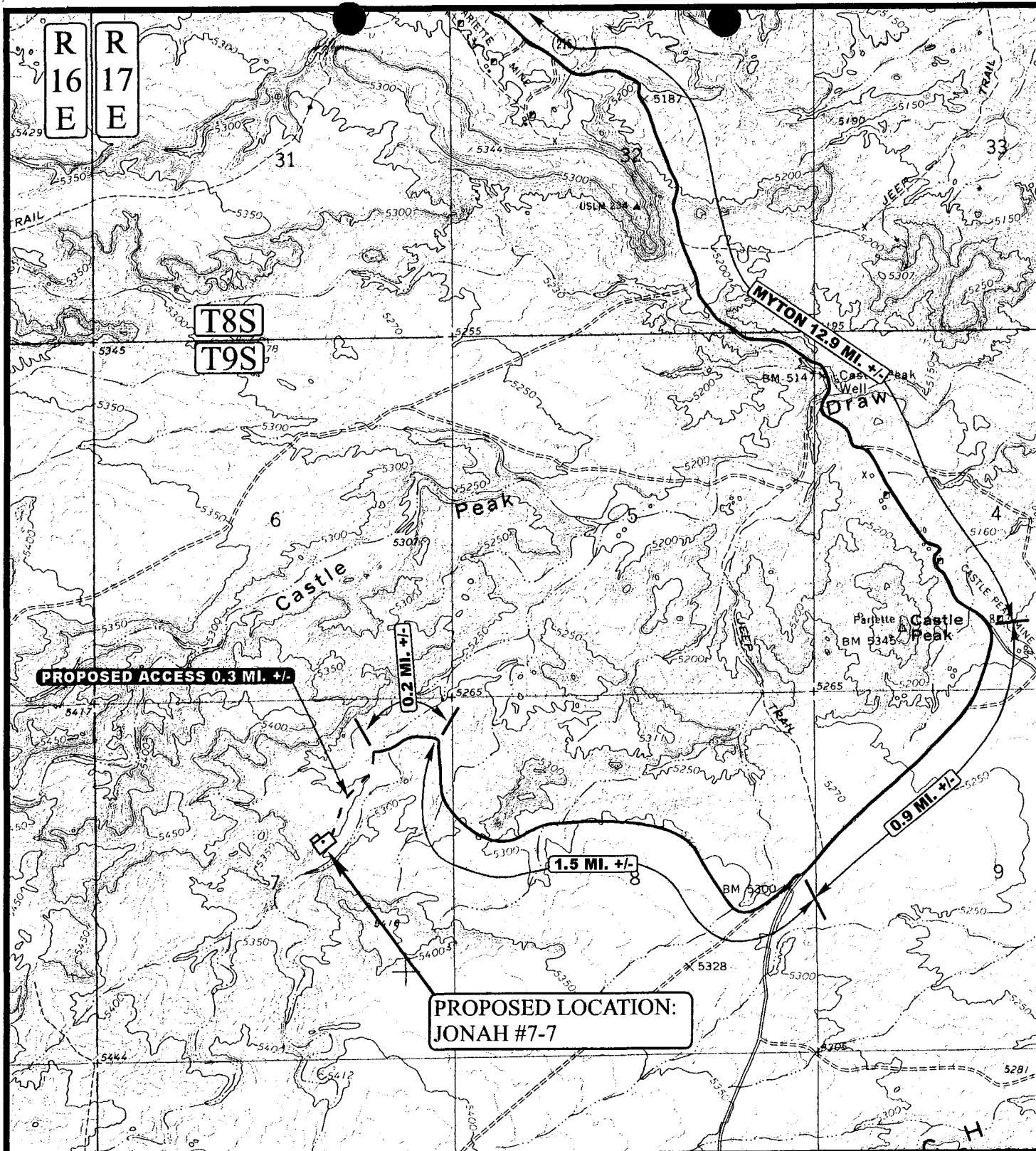


TOPOGRAPHIC
MAP

10 1 97
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.G. REVISED: 00-00-00

A
TOPO



LEGEND:

--- PROPOSED ACCESS ROAD
— EXISTING ROAD

INLAND PRODUCTION CO.

JONAH #7-7
SECTION 7, T9S, R17E, S.L.B.&M.
2111' FNL 1905' FEL

U
E
L
S

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(801) 789-1017 * FAX (801) 789-1813
Email: uels@easilink.com



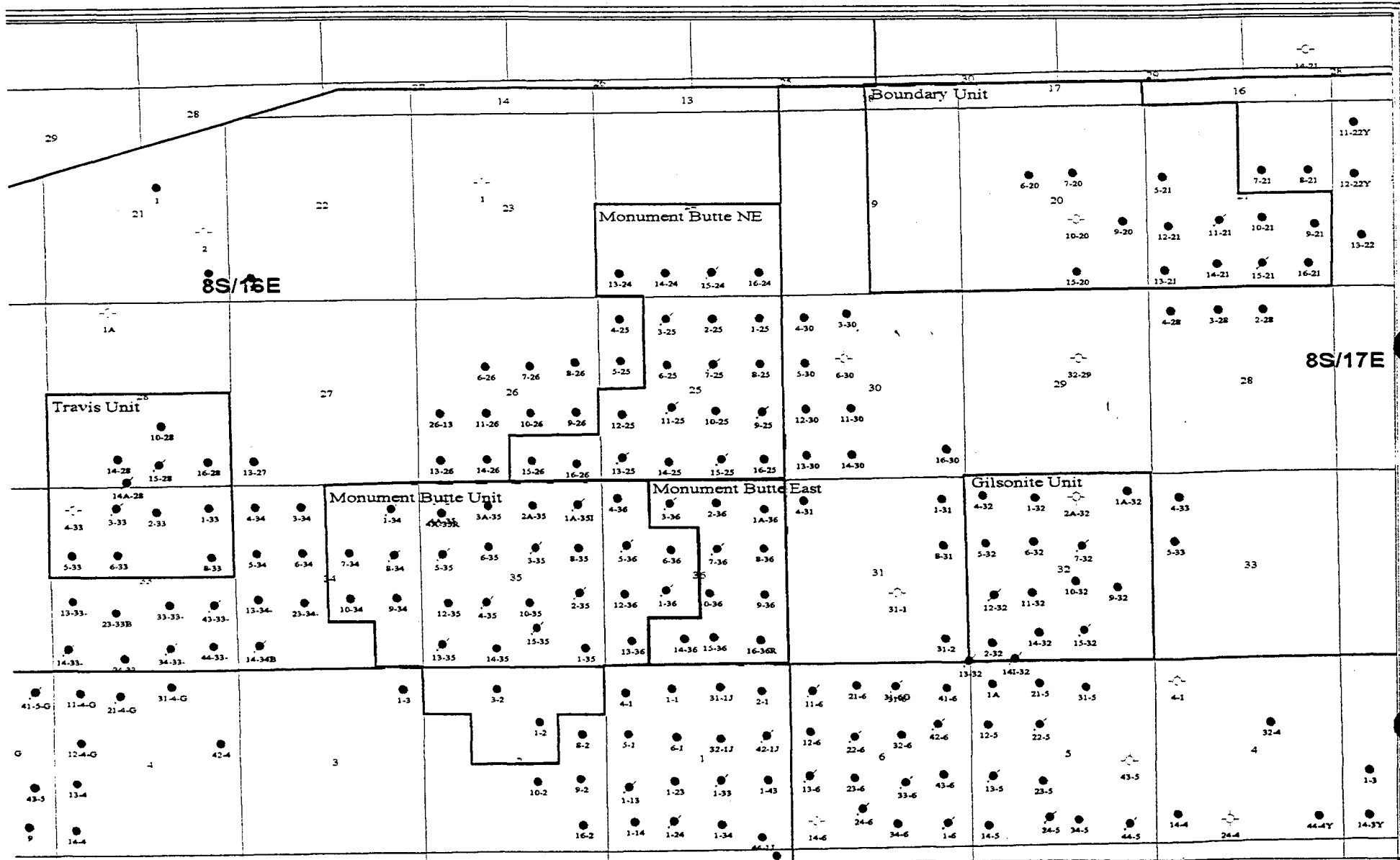
TOPOGRAPHIC
MAP

10 **1** **97**
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00

B
TOPO

EXHIBIT "C"



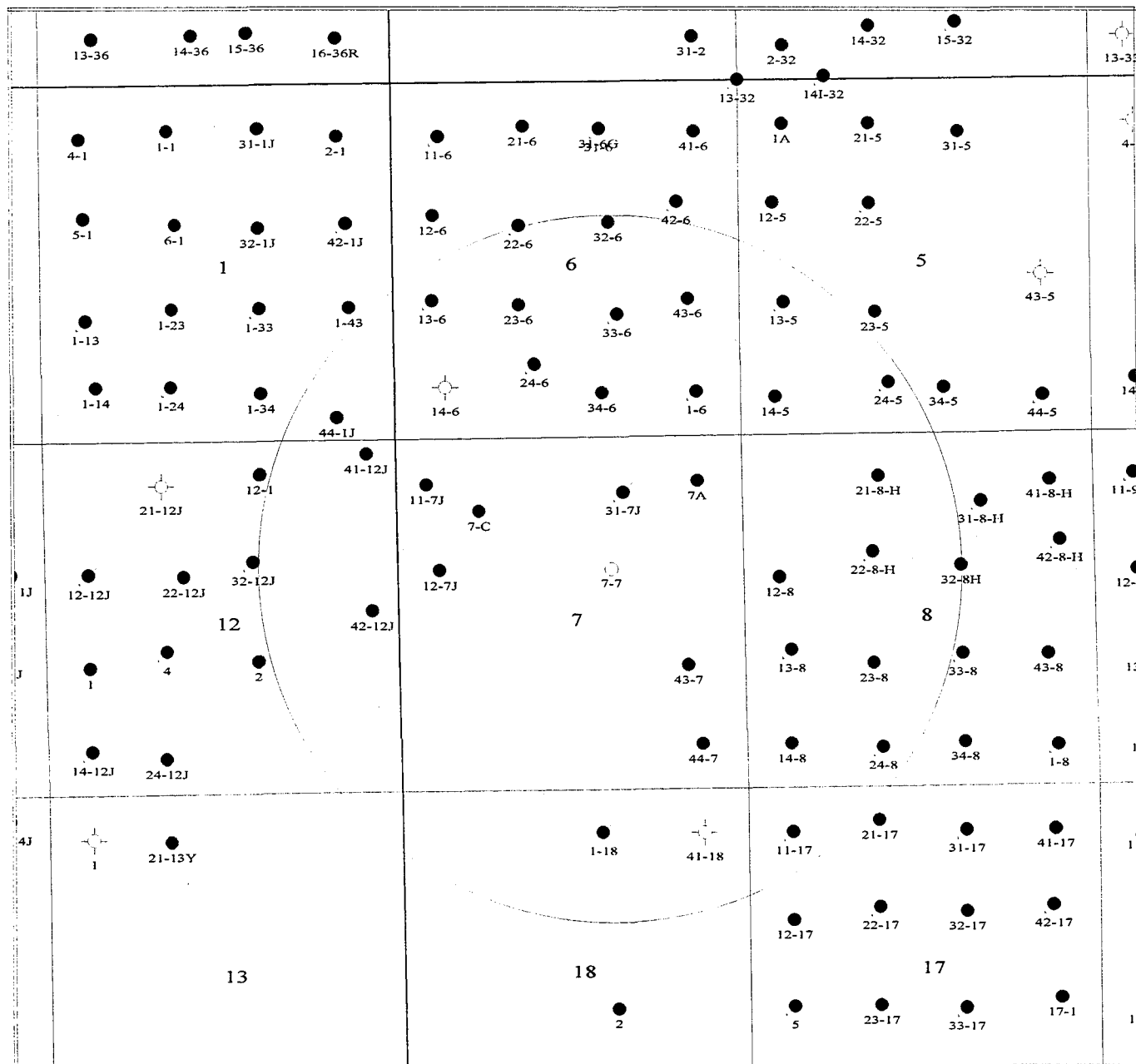


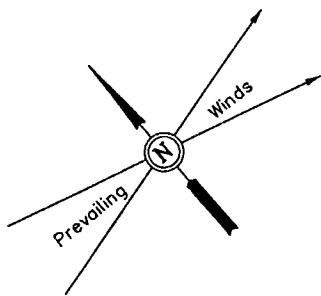
EXHIBIT "D"

INLAND PRODUCTION COMPANY		
ONE MILE RADIUS JONAH 7-7		
Jonah Azubon		102497
Scale: 1:28720.73		

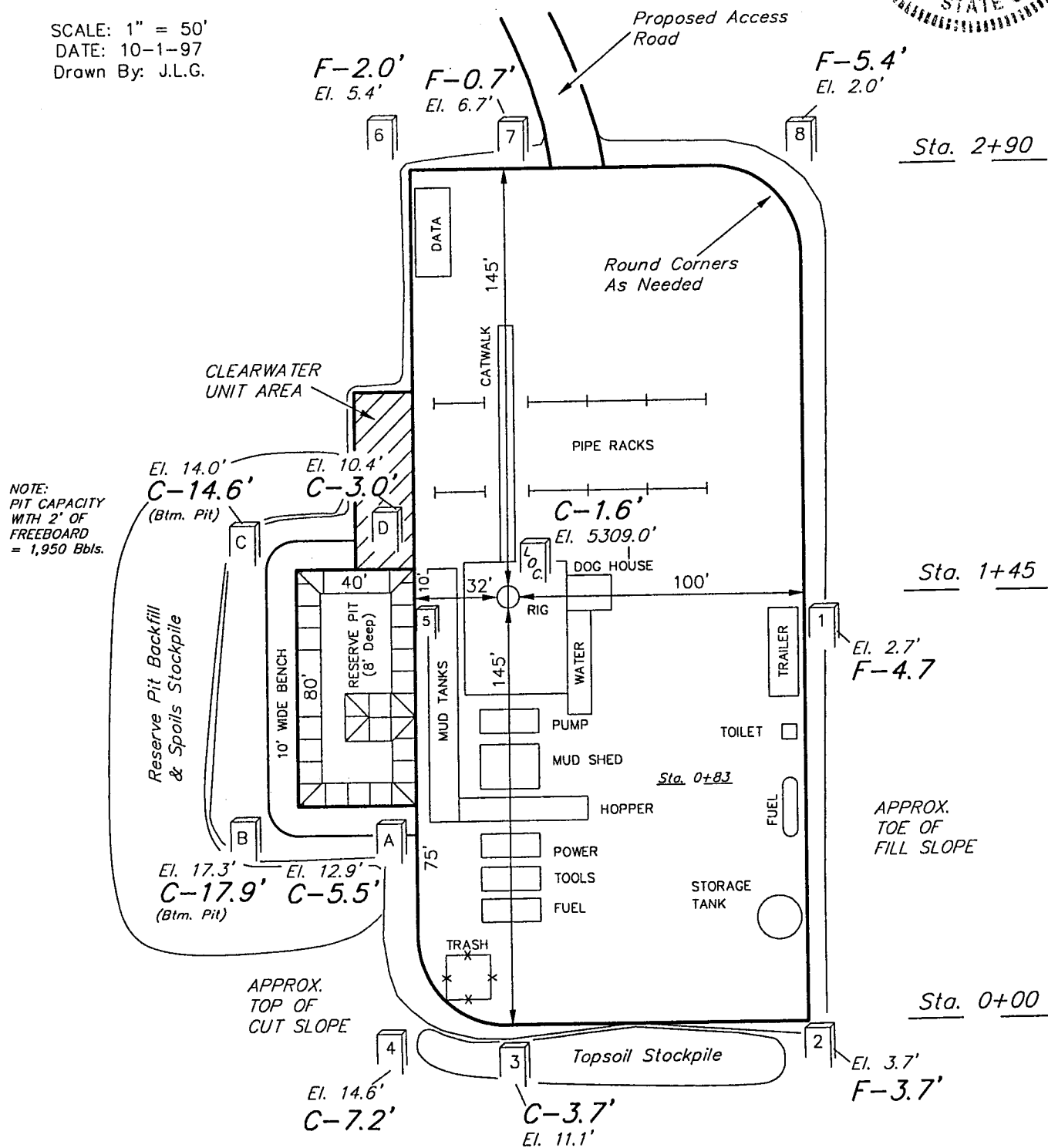
INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

JONAH #7-7
SECTION 7, T9S, R17E, S.L.B.&M.
2111' FNL 1905' FEL



SCALE: 1" = 50'
DATE: 10-1-97
Drawn By: J.L.G.



Elev. Ungraded Ground at Location Stake = 5309.0'

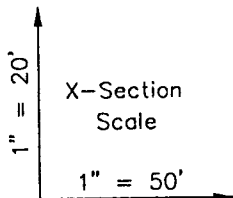
Elev. Graded Ground at Location Stake = 5307.4'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

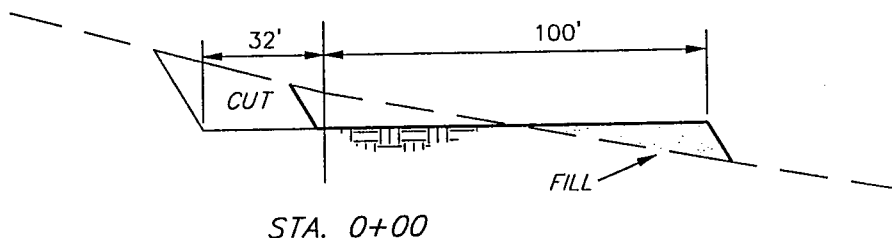
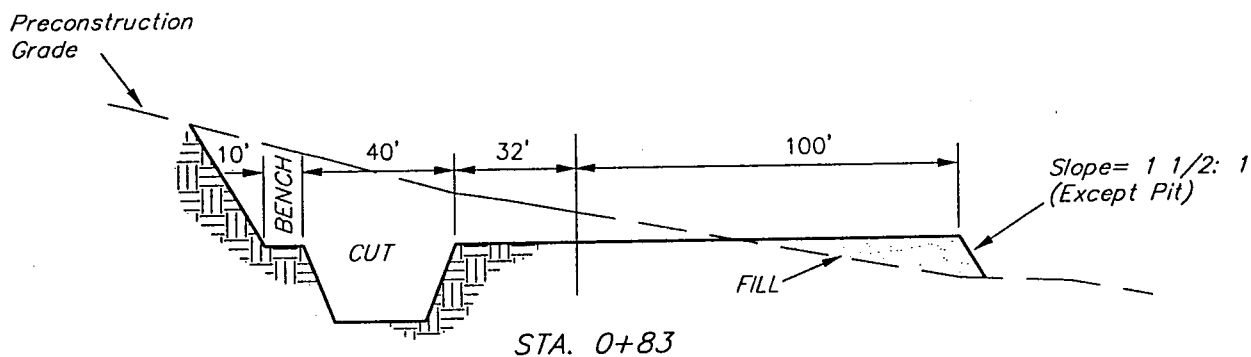
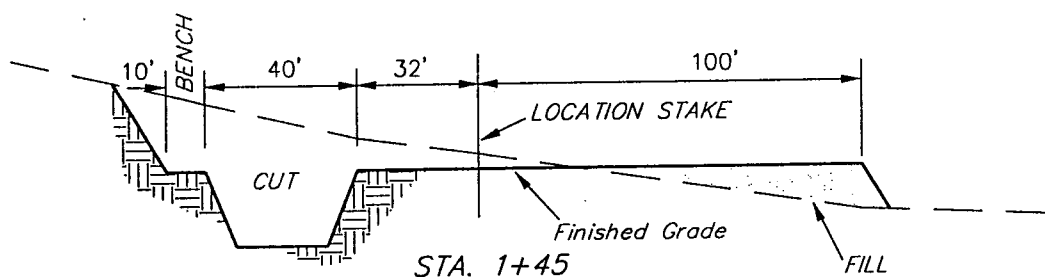
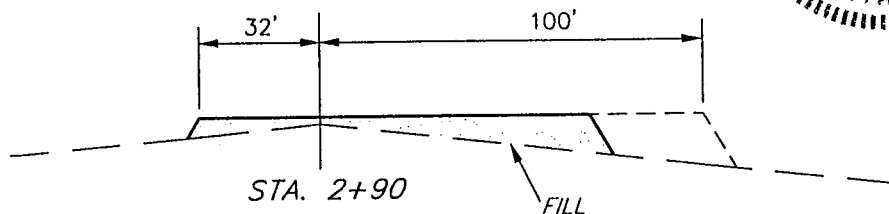
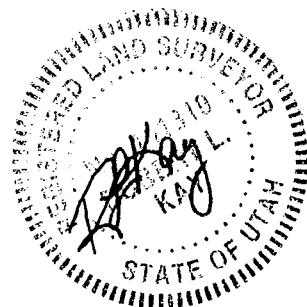
INLAND PRODUCTION CO.

TYPICAL CROSS SECTIONS FOR

JONAH #7-7
SECTION 7, T9S, R17E, S.L.B.&M.
2111' FNL 1905' FEL



DATE: 10-1-97
Drawn By: J.L.G.



NOTE:

Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 780 Cu. Yds.

Remaining Location = 3,180 Cu. Yds.

TOTAL CUT = 3,960 CU.YDS.

FILL = 2,730 CU.YDS.

EXCESS MATERIAL AFTER
5% COMPACTION

= 1,090 Cu. Yds.

Topsoil & Pit Backfill
(1/2 Pit Vol.)

= 1,090 Cu. Yds.

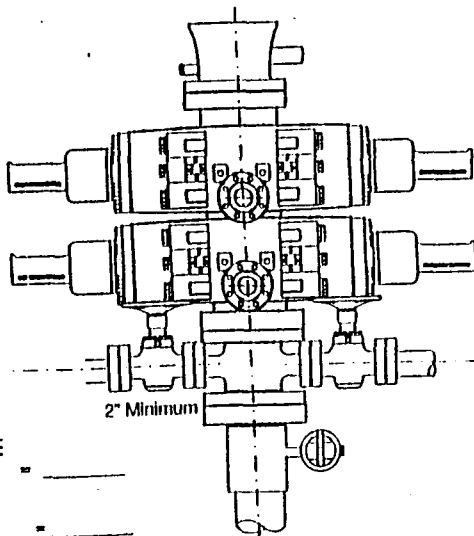
EXCESS MATERIAL After
Reserve Pit is Backfilled &
Topsoil is Re-distributed

= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

2-M SYSTEM

RAM TYPE D.O.P.
 Make:
 Size:
 Model:



2" Minimum

GAL TO CLOSE

Annular BOP

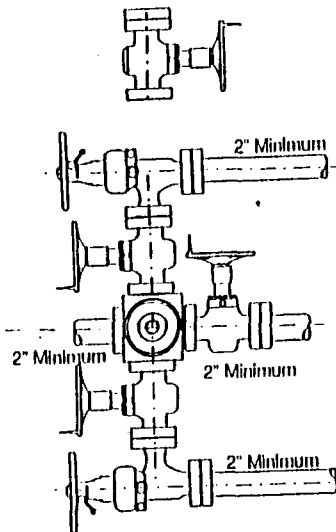
Ramtype BOP

____ Rams x ____ = ____

= ____ Gal.

____ x 2 = ____ Total Gal.

Rounding off to the next higher
 increment of 10 gal. would require
 ____ Gal. (total fluid & nitro volume)



2" Minimum

2" Minimum

2" Minimum

2" Minimum

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/10/97

API NO. ASSIGNED: 43-013-31988

WELL NAME: JONAH 7-7

OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:

SWNE 07 - T09S - R17E
SURFACE: 2111-FNL-1905-FEL
BOTTOM: 2111-FNL-1905-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED

LEASE NUMBER: UTU - 44426

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

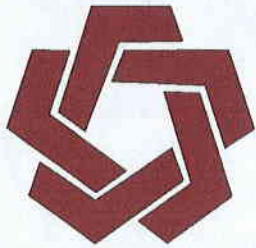
☒ Plat
☒ Bond: Federal ☒ State[] Fee[]
(Number 4488944)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number GILSONITE STATE 7-32)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

____ R649-2-3. Unit: _____
☒ R649-3-2. General.
____ R649-3-3. Exception.
____ Drilling Unit.
____ Board Cause no: _____
____ Date: _____

COMMENTS: _____

STIPULATIONS: _____



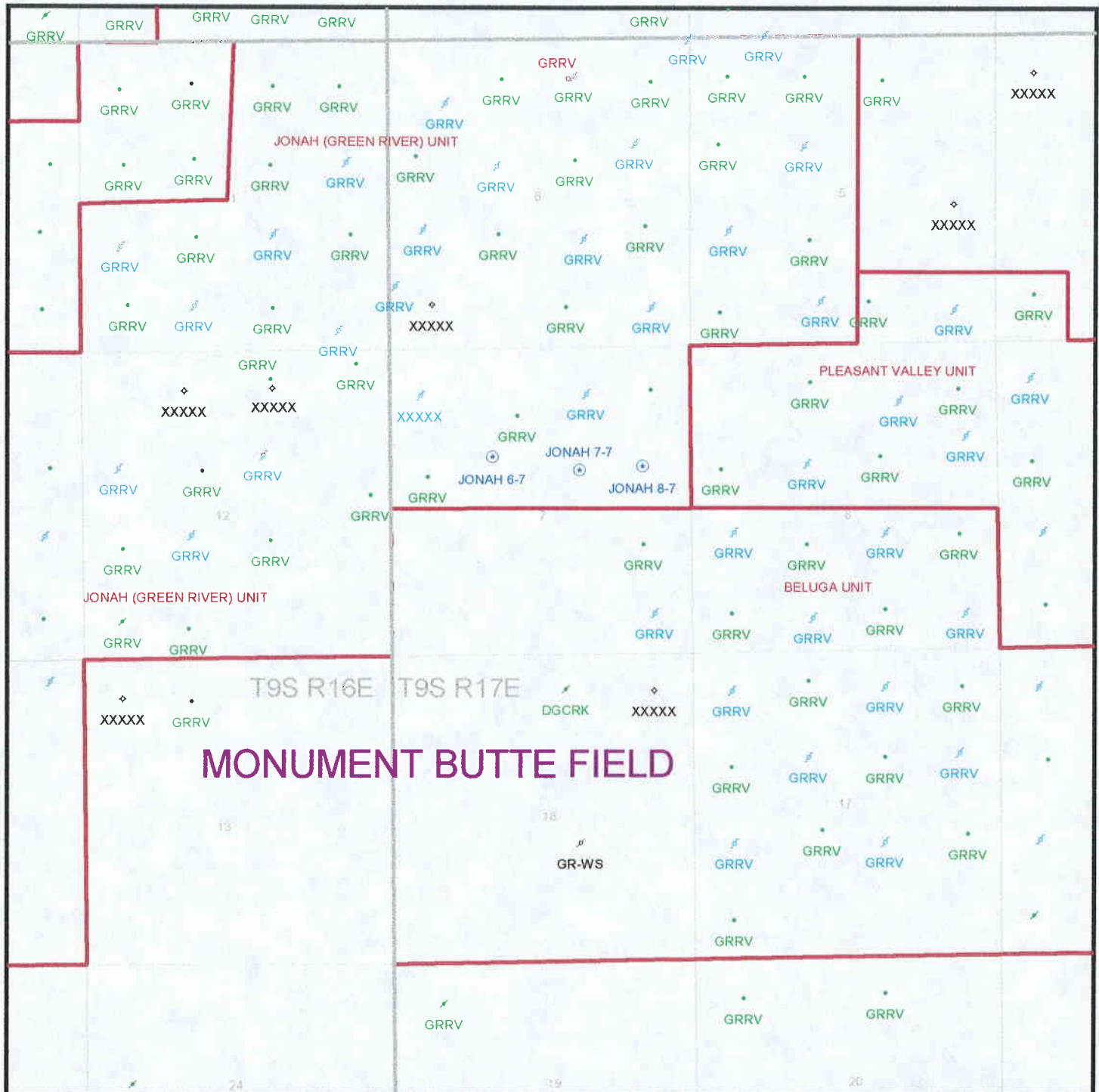
DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION (N5160)

FIELD: MONUMENT BUTTE (105)

SEC. TWP. RNG.: SEC. 7, T9S, R17E

COUNTY: DUCHESNE UAC: R649-3-2



DATE PREPARED:
11-NOV-1997

(June 1990)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

See Attached

9. API Well No.

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment Notice

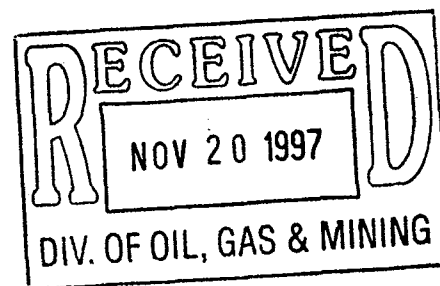
TYPE OF ACTION

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input checked="" type="checkbox"/> Change of Plans |
| <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| <input type="checkbox"/> Casing repair | <input type="checkbox"/> Water Shut-off |
| <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| <input type="checkbox"/> Other _____ | <input type="checkbox"/> Dispose Water |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Inland Production Company requests authorization to increase the size of the reserve pit(s), from 80' X 40' X 8' deep, to 90' X 40' X 8' deep, in order to help contain fluids in the pits, and to help eliminate traffic around the locations, for the following locations that have been submitted for APD approval, listed on the enclosed attachment.



14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron
Cheryl Cameron

Title

Regulatory Compliance SpecialistDate **11/14/97**

(This space of Federal or State office use.)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

The following locations were originally permitted for the reserve pit size to be 80' X 40' X 8' deep. Inland requests that the reserve pit (s) be enlarged to 90' X 40' X 8' deep:

<u>Lease No.</u>	<u>Name</u>	<u>Legal Description</u>
U-74390	Nine Mile #14-7	SE/SW Sec. 7, T9S, R16E
U-74390	Nine Mile #15-7	SW/SE Sec. 7, T9S R16E
U-74390	Nine Mile #4-6	NW/NW Sec. 6, T9S, R16E
U-74390	Nine Mile #13-6	SW/SW Sec. 6, T9S, R16E
U-74390	Nine Mile #5-6	SW/NW Sec. 6, T9S, R16E
U-30096	Wells Draw #1-4	NE/NE Sec. 4, T9S, R16E
U-30096	Wells Draw #7-4	SW/NE Sec. 4, T9S R16E
U-30096	Wells Draw #6-4	SE/NW Sec. 4, T9S, R16E
U-47171	Wells Draw #14A-34	SE/SW Sec. 34, T8S, R16E
U-74869	Tar Sands Federal #9-29	NE/SE Sec. 29, T8S R17E
U-76241	Tar Sands Federal #12-28	NW/SW Sec. 28, T8S, R17E
U-76240	Pariette Draw # 8-22	SE/NE Sec. 22, T8S, R17E
U-76240	Pariette Draw #9-22	NE/SE Sec. 22, T8S R17E
U-44426	Jonah #6-7	SE/NW Sec. 7, T9S, R17E
U-44426	Jonah #7-7	SW/NE Sec. 7, T9S, R17E
U-44426	Jonah #8-7	SE/NE Sec. 7, T9S, R17E
U-74805	S. Pleasant Valley #11-15	NE/SW Sec. 15, T9S, R17E
U-74805	S. Pleasant Valley #5-15	SW/NW Sec. 15, T9S, R17E
U-74805	S. Pleasant Valley #15-15	SW/SE Sec. 15, T9S R17E
U-34346	Hawkeye #9-23	NE/SE Sec. 23, T8S, R16E
U-34346	Hawkeye #10-23	NW/SE Sec. 23, T8S, R16E
U-34346	Hawkeye #14-23	SE/SW Sec. 23, T8S, R16E



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

December 18, 1997

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079

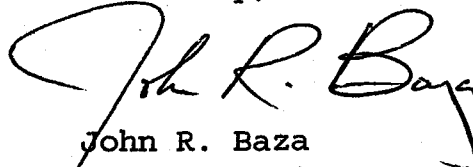
Re: Jonah 7-7 Well, 2111' FNL, 1905' FEL, SW NE, Sec. 7,
T. 9 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31988.

Sincerely,


John R. Baza
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company
Well Name & Number: Jonah 7-7
API Number: 43-013-31988
Lease: UTU-44426
Location: SW NE Sec. 7 T. 9 S. R. 17 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: JONAH 7-7

Api No. 43-013-31988

Section 7 Township 9S Range 17E County DUCHESNE

Drilling Contractor 4 CORNERS

Rig # 6

SPUDDED:

Date 1/20/98

Time

How DRY HOLE

Drilling will commence

Reported by MIKE WARD

Telephone #

Date: 1/20/98 Signed: JLT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-44426

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

JONAH 7-7

9. API Well No.

43-013-31988

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well



Oil
Well



Gas
Well



Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2111 FNL 1905 FEL

SW/NE Section 7, T09S R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other Surface Spud

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

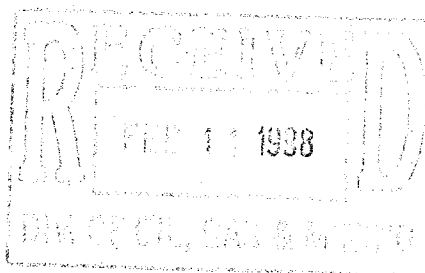
☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU ZCM Drlg. Drl 12-1/4" sfc hole 320'. Spud well @ 11:30 am, 1/20/98. C&C. Run 8-5/8" GS, 7 jt 8-5/8", 24#, J-55, ST & C csg (294'). Csg set @ 295'. RU Halliburton. Pmp 5 bbl dye wtr & 20 bbl gel. Cmt w/120 sx Premium Plus w/2% CC, 2% gel, 1/2#/sk Flocele (14.8 ppg 1.37 cf/sk yield). Est 8 bbl cmt returns. RD Halliburton. Drl mouse & rat hole for Four Corners #6. RDMO.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

1/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-44426

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

JONAH 7-7

9. API Well No.

43-013-31988

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2111 FNL 1905 FEL SW/NE Section 7, T09S R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Weekly Status**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 1/22/98 - 1/28/98

Drilled 7-7/8" hole w/Four Corners, Rig #6 from 320' - 5700'.

MIRU Four Corners #6. Test lines, valves, rams & manifold to 2000 psi, annular preventer & csg to 1500 psi. PU BHA & GIH. Drl plug, cmt & GS. Spud Rotary Rig @ 1:30 am, 1/23/98. Run 5-1/2" GS, 1 jt 5-1/2" csg (42'), 5-1/2" FC, 133 jt 5-1/2", 15.5#, J-55, LT & C csg (5679'). Csg set @ 5690'. RD Casers. RU Halliburton. C&C. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/415 sx Hibond 65 Modified (11.0 ppg 3.0 cf/sk yield) & 315 sx Thixotropic & 10% Calseal (14.2 ppg 1.59 cf/sk yield). Good returns until POB w/2200 psi @ 2:10 pm, 1/27/98. Est 17 bbl cmt returns. RD Halliburton. Wash out & ND BOP's. Set slips w/90,000#, dump & clean mud tanks. Rig released @ 6:10 pm, 1/27/98. RDMOL.

14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

1/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-44426

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

JONAH 7-7

9. API Well No.

43-013-31988

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒

Oil
Well

☐

Gas
Well

☐

Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2111 FNL 1905 FEL SW/NE Section 7, T09S R17E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

Weekly Status

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

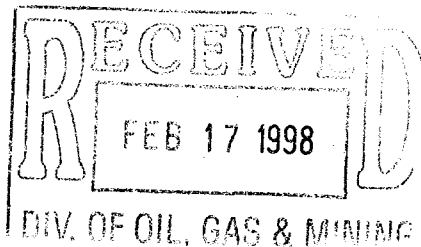
Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 2/5/98 - 2/11/98

NU BOP's. Test lines, valves, rams & manifold to 3000 psi, Hydril & csg to 1500 psi. GIH w/BHA. Drl plug, cmt & GS. Drl 320' - 5261'.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

2/11/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-44426

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

JONAH 7-7

9. API Well No.

43-013-31988

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2111 FNL 1905 FEL SW/NE Section 7, T09S R17E

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Weekly Status**

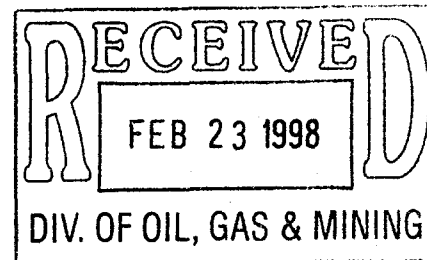
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 2/12/98 - 2/18/98

Swab well. Trip production tbg.
Place well on production @ 1:30 PM, 2/13/98.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

2/19/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ENTITY ACTION FORM - FORM 6

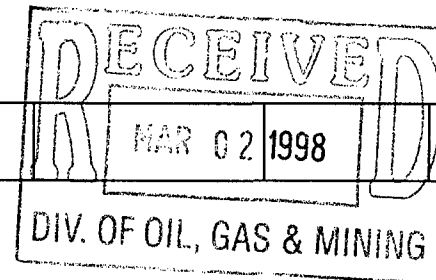
OPERATOR Coastal Oil & Gas Corporation

OPERATOR ACCT. NO. N 0230

ADDRESS P.O. Box 749

Denver, CO 80201-0749

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	02900	43-047-32999	CIGE #228-15-10-21	SWNE	15	10S	21E	Uintah	2/25/98	2/25/98
WELL 1 COMMENTS: (A-CIGE) Entity added 3-3-98. (Natural Buttes Unit/Wsmvd P.A.)											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											



ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Sheila Bremer

Signature Sheila Bremer

Environmental/Safety Analyst 2/26/98

Title

Date

Phone No. (303) 573-4455

ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company

OPERATOR ACCT. NO. N5160

ADDRESS 475 17th St., Suite 1500

Denver, CO 80202

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12299	43-013-31826	PARLETTE DRAW 8-22-8-17	SE/NE	22	8S	17E	Duchesne	1/11/98	1/11/98

WELL 1 COMMENTS: Spud well w/Union, Rig #7 @ 12:00 am 1/11/98.

Entities added 3-3-98. Lec

B	99999	11492	43-013-31989	JONAH 8-7	SE/NE	7	4S	17E	Duchesne	1/13/98	1/13/98
---	-------	-------	--------------	-----------	-------	---	----	-----	----------	---------	---------

WELL 2 COMMENTS: Spud well w/zcm Drilling @ 1:40 pm 1/13/98.

Jonah Unit

B	99999	11492	43-013-31988	JONAH 7-7	SW/NE	7	4S	17E	Duchesne	1/20/98	1/20/98
---	-------	-------	--------------	-----------	-------	---	----	-----	----------	---------	---------

WELL 3 COMMENTS: Spud well w/zcm Drilling @ 11:30 am, 1/20/98.

Jonah Unit

A	99999	12300	43-013-31813	PARLETTE DRAW 9-22-8-17	NE/SE	22	8S	17E	Duchesne	1/21/98	1/21/98
---	-------	-------	--------------	-------------------------	-------	----	----	-----	----------	---------	---------

WELL 4 COMMENTS: Spud well w/Union, Rig #7 @ 2:00 pm 1/21/98

B	99999	12187	43-013-31986	HAWKEYE 14-23-8-16	SE/SW	23	8S	16E	Duchesne	1/23/98	1/23/98
---	-------	-------	--------------	--------------------	-------	----	----	-----	----------	---------	---------

WELL 5 COMMENTS: Spud well w/zcm drilling @ 3:00 pm, 1/23/98.

Hawkeye Unit

FROM CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith

Signature

Engineering Technician

Title

Date

Phone No. 303, 376-8107

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ACTIVITY ACTION FORM - FORM 6

OPERATOR Inland Production Company

OPERATOR ACCT. NO. N5160

ADDRESS 475 17th St., Suite 1500

Denver, CO 80202

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	12187	43-013-3984	HAWKEYE 9-23-8-16	NE/SE	23	8S	16E	Duchesne	1/26/98	1/26/98
LL 1 COMMENTS: Spud well w/ZCM Drilling @ 12:05 pm, 1/26/98. Holes added 3-3-98. <u>See</u> HAWKEYE UNIT											
A	99999	12301	43-013-3941	S. PLEASANT VALLEY 11-15	NE/SE	15	9S	17E	Duchesne	1/26/98	1/26/98
LL 2 COMMENTS: Spud well w/Union, Rig #17 @ 4:30 pm, 1/26/98.											
A	99999	12302	43-047-33015	ODEKIRK SPRING 3-36	NE/NW	36	8S	17E	Uintah	1/30/98	1/30/98
LL 3 COMMENTS: Spud well w/Union, Rig #7 1/30/98											
B	99999	12187	43-013-3985	HAWKEYE 10-23-8-16	NW/SE	23	8S	16E	Duchesne	2/4/98	2/4/98
4 COMMENTS: Spud well w/ZCM Drilling @ 7:30 am, 2/4/98 HAWKEYE UNIT											
A	99999	12303	43-013-3942	S. Pleasant Valley 15-15	SW/SE	15	9S	17E	Duchesne	2/5/98	2/5/98
5 COMMENTS: Spud well w/Union, Rig #17 @ 1:00 pm, 2/5/98.											

ON COMES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

TE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith
Signature

Engineering Technician

Title Date

Phone No. 303, 376-8107

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: ☒ OIL WELL ☐ GAS WELL ☐ DRY ☐ (Other _____)

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ REPAIR ☐ Other _____

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

410 17th Street Suite 700, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface SW/NE

At top prod. interval reported below 2111' FNL + 1905' FEL

At total depth

14. PERMIT NO.

DATE ISSUED

43-013-31988

1-6-98

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

16. ELEVATIONS (OF RKB, RT, OR, ETC.)

5319' KB

5307' GL

18. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5700'

21. PLUG BACK Y.D., MD & TVD

5637'

22. IF MULTIPLE COMPLEMENTS, HOW MANY?

NA

23. INTERVAL DRILLED BY

ROTARY TOOLS

Yes

CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)

Green River 4734'-5149'

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIGL/SP/GR/CAL; DSN/SDL/GR; CBL 3-16-98

27. WAS WELL CORN

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FILLED
8 5/8"	24# J-55	295'	12 7/8"	120 sx Premium	
5 1/2"	15.5# J-55	5690'	7 7/8"	415 sx Hibond and 315 sx Thixotropic	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT?	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	5256'	

31. PERFORATION RECORD (Interval, size and number)

A/LDC Sand - 4999'-5002'; 5009'-5026';
5142'-5149' 4 JSPP

C Sand - 4734'-4744' 4 JSPP

32. ACID, SHOT, FRACTURE CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4999'-5149'	127,200 # 20/40 sd in 606 bbls Delta
4734'-4744'	111,400 # 20/40 sd in 540 bbls Delta

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or Shut in)	
2-13-98		2 1/2" x 1 1/2" x 16' RHAC - Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 Day Avg	2-98		→	79	60	5	7.59
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL PROD'D (T TONS)	
		→				RECEIVED	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold and used for fuel

35. LIST OF ATTACHMENTS

Items in #26

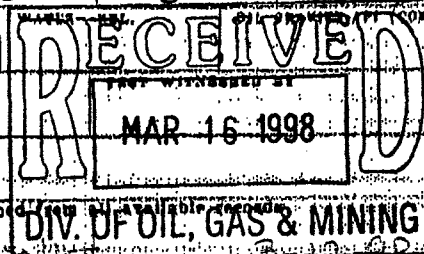
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED Debbie E. Knight

TITLE Permitting Specialist

DATE 3-16-98

*(See Instructions and Spaces for Additional Data on Reverse Side)



37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch	3552'					
Garden Gulch 2	3873'					
Point 3	4130'					
X Marker	4384'					
Y Marker	4420'					
Douglas Crk	4545'					
Bi-Carb	4782'					
B-Lime	4901'					
Castle Peak	5382'					
Basal Carbonate	NDE					
TD	5700'					

GEOLOGIC MARKERS

38.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079

(435) 789-1866

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2111 FNL 1905 FEL

SW/NE Section 7, T09S R17E

5. Lease Designation and Serial No.

UTU-44426

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

JONAH 7-7

9. API Well No.

43-013-31988

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

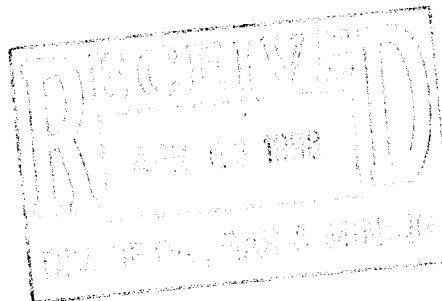
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Reserve Pit Rehabilitation**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The location reclamation of the reserve pit has been completed in accordance with the Surface Use Program, per BLM specifications on March 20, 1998. The topsoil stockpile has been spread over the rehabilitated area and seeded with the specified seed mixture.



14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron
Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

3/26/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2111 FNL 1905 FEL SW/NE Section 7, T09S R17E

5. Lease Designation and Serial No.

UTU-44426

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

JONAH

8. Well Name and No.

JONAH 7-7

9. API Well No.

43-013-31988

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

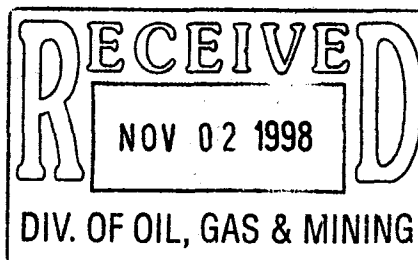
TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Site Security
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Bethie E. Knight

Title

Manager, Regulatory Compliance

Date

10/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Inland Production Company Site Facility Diagram

Jonah 7-7

SW/NE Sec. 7, T9S, 17E

Duchesne County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

- 1) Valves 1, 3, 4 sealed closed
- 2) Valves 2 and 5 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 3 open

Draining Phase:

- 1) Valve 1 open

Well Head

Pumping Unit

Heater Treater

Gas Sales Meter

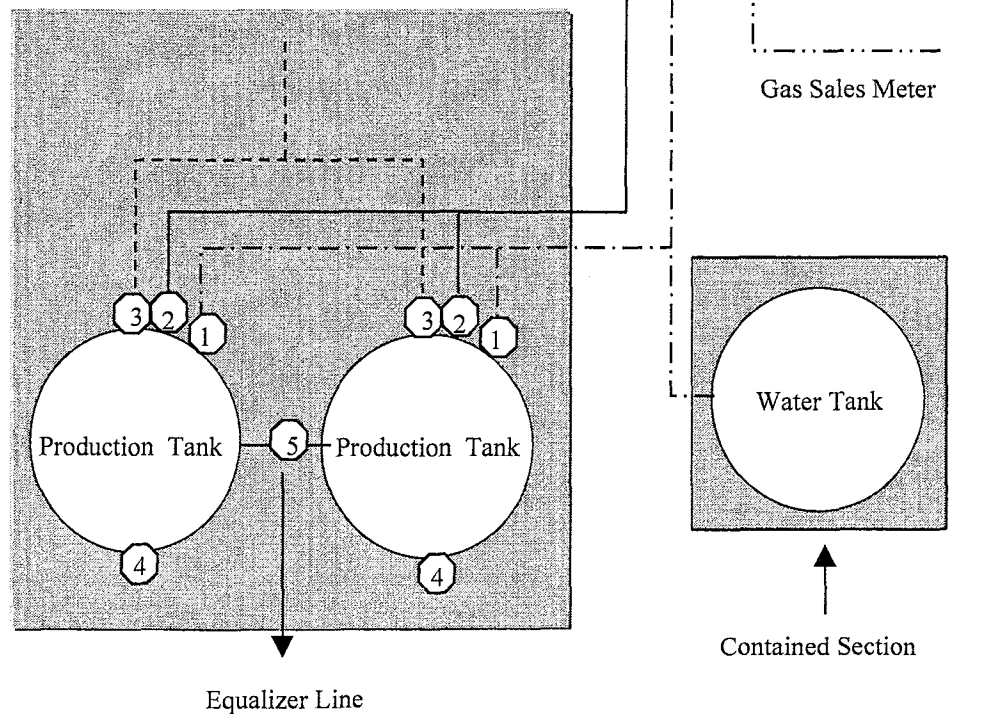
Water Tank

Contained Section

Diked Section

Legend

Emulsion Line
Load Line	-----
Water Line	- - - - -
Oil Line	—————
Gas Sales	- · - · - ·





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

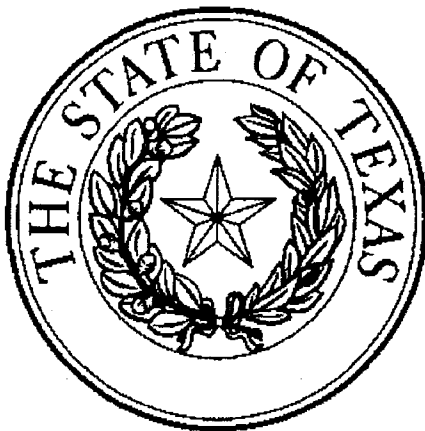
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****JONAH (GREEN RIVER)****WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MONUMENT FED 31-1J	01	090S	160E	4301331413	11492	Federal	OW	P
MONUMENT FED 32-1J	01	090S	160E	4301331414	11492	Federal	OW	P
MON FED 44-1J	01	090S	160E	4301331415	11492	Federal	WI	A
MON FED 34-10J	10	090S	160E	4301331416	11492	Federal	WI	A
MON FED 12-11J	11	090S	160E	4301331417	11492	Federal	WI	A
MONUMENT FED 33-11J	11	090S	160E	4301331451	11492	Federal	OW	P
MONUMENT FED 24-12J	12	090S	160E	4301331409	11492	Federal	OW	P
MON FED 12-12J	12	090S	160E	4301331410	11492	Federal	WI	A
MON FED 14-12J	12	090S	160E	4301331411	11492	Federal	WI	A
MON FED 32-12J	12	090S	160E	4301331419	11492	Federal	WI	A
MON FED 42-12J	12	090S	160E	4301331486	11492	Federal	WI	A
MONUMENT FED 41-12J	12	090S	160E	4301331487	11492	Federal	OW	P
MON FED 41-14J	14	090S	160E	4301331408	11492	Federal	WI	A
MON FED 21-14J	14	090S	160E	4301331421	11492	Federal	WI	A
MONUMENT FED 21-15J	15	090S	160E	4301331422	11492	Federal	NA	PA
MON FED 31-7J	07	090S	170E	4301331405	11492	Federal	WI	A
MON FED 11-7J	07	090S	170E	4301331492	11492	Federal	WI	A
MONUMENT FED 12-7J	07	090S	170E	4301331493	11492	Federal	OW	P
JONAH 6-7	07	090S	170E	4301331987	11492	Federal	WI	A
JONAH 7-7	07	090S	170E	4301331988	11492	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

**1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>**

JUN 11 2012

RECEIVED

JUN 20 2012

DIV. OF OIL, GAS & MINING

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, Colorado 80202

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

RE: Underground Injection Control (UIC)
Additional Well to Jonah Area Permit
EPA UIC Permit UT20642-09632
Well: Jonah 7-7-9-17
SWNE Sec. 7-T9S-R17E
Duchesne County, Utah
API No.: 43-013-31988

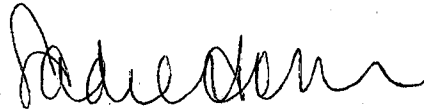
Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Jonah 7-7-9-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Jonah Area Permit No. UT20642-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

If you have any questions, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174. Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-UIC.

Sincerely,



Callie A. Videtich
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Enclosures: Authorization for Additional Well
Wellbore Schematic for Jonah 7-7-9-17

cc: Letter Only:

Uintah & Ouray Business Committee:

Irene Cuch, Chairman
Ronald Wopsock, Vice-Chairman
Frances Poowegup, Councilwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Richard Jenks, Jr., Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc: All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Reed Durfey
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20642-00000

The Jonah UIC Area Permit UT20642-00000, effective December 22, 1992 authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On March 23, 2012, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	Jonah 7-7-9-17
EPA Permit ID Number:	UT20642-09632
Location:	2111' FNL & 1905' FEL SWNE Sec. 7-T9S-R17E Duchesne County, Utah API #43-013-31988

Pursuant to 40 CFR §144.33, Area UIC Permit UT20642-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.


This well is subject to all provisions of UIC Area Permit No. UT20642-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: 6/7/12



Callie A. Videtich

 ***Acting Assistant Regional Administrator**
Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the permit and Authorization*

Authorization for Additional Well: UIC Area Permit UT20642-00000
Well: Jonah 7-7-9-17 EPA Well ID: UT20642-09632

Printed on Recycled Paper

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: Jonah 7-7-9-17
EPA Well ID Number: UT20642-09632

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone;
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the confining zone, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the permit, an extension of the period of Limited Authorization to Inject may be requested. A submitted RTS which indicates the movement of fluid behind casing from the injection zone will result in a requirement to demonstrate part II mechanical integrity using an approved demonstration method such as a temperature log, oxygen activation log, or noise log at a frequency no less than once every five years.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

Approved Injection Interval: The injection interval is the part of the injection zone where fluids are directly emplaced. The approved injection interval for this well is from the top of the Garden Gulch Sand #2 to the top of the Wasatch Formation. Additional injection perforations may be added provided that they remain within the approved injection interval. Injection between the outermost casing protecting USDWs and the well bore is prohibited.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 1,705 psig, based on the calculation $MAIP = [FG - (0.433)(SG)] * D$, where "FG" is the fracture gradient, "SG" is the specific gravity of injectate and "D" is the Kelly Bushing depth to the shallowest casing perforation. For this well, FG is 0.800 psi/ft, SG is 1.015 and D is 4,734 ft.

UIC Area Permit No. UT20642-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). However, cementing records, including the cement bond log, have not satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone. Therefore, a radioactive tracer survey is required.

Well Construction: Tubing and Packer: 2-7/8" or similar size injection tubing is approved. The packer shall be set at a depth no more than 100 ft. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) Because the cementing records have not satisfactorily demonstrated the presence of adequate cement to prevent migration of injection fluids behind the casing from the injection zone, a RTS is required to confirm the presence of adequate cement. If the RTS is not run, or if the RTS does not confirm adequate cement, the permittee shall demonstrate Part II (external) Mechanical Integrity pursuant to 40 CFR §146.8(a)(2) using an approved test method such as temperature log, noise log or oxygen activation log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five years after the last successful test.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Surety Bond in the amount of \$42,000 and a Standby Trust Agreement that have been approved by EPA. The Director may revise the amount required and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

- (1) Isolate the injection zone: Remove down hole apparatus from the well and perform necessary clean out; displace well fluid with plugging gel. Set a cast iron bridge plug (CIBP) within the innermost casing string no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.
- (2) Isolate the Trona-Bird's Nest water zone and Mahogany Oil Shale: Perforate and squeeze cement up the backside of the outermost casing string across the Mahogany Oil Shale and Trona-Bird's Nest water zone, from at least 55 ft. above the top of the Trona-Bird's Nest to at least 55 ft. below the base of Mahogany Oil Shale, unless there is existing cement across this interval.
- (3) Isolate the Uinta Formation from the Green River Formation: Perforate and squeeze a minimum of 110 ft. cement up the backside of the outermost casing string to isolate the contact between the Uinta Formation and the Green River Formation, unless there is existing cement across this interval. Set a minimum 110 ft. cement plug in the innermost casing string, centered on the contact between the Green River Formation and Uinta Formation.
- (4) Isolate Surface Fluid Migration Paths:
 - a. If the depth of the lowermost USDW is above the base of surface casing, perforate the outermost casing string 50 ft. below the base of surface casing and circulate cement to the surface, unless there is existing cement across this interval; OR
 - b. If the depth of the lowermost USDW is below the base of surface casing, perforate the outermost casing string 50 ft. below the base of the lowermost USDW and circulate cement to surface; AND
 - c. Set a cement plug inside the innermost casing string from 50 ft. below the base of the surface casing to surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: Jonah 7-7-9-17
EPA Well ID Number: UT20642-09632

Underground Sources of Drinking Water (USDWs): USDWs in the Lone Tree Area Permit generally occur within the Uinta Formation. According to "Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92," the base of moderately saline ground water may be found at approximately 307 ft. below ground surface in the Jonah 7-7-9-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well. Freshening of the injection zone due to the injection of relatively fresh water for the purpose of enhanced oil

Authorization for Additional Well: UIC Area Permit UT20642-00000
Well: Jonah 7-7-9-17 EPA Well ID: UT20642-09632

recovery has been demonstrated to be occurring in parts of the Monument Butte Field, including this permit area.

http:NRWRT1.NR.STATE.UT.US: According to the state of Utah, any water wells present within the permit area are shallow and do not intersect the injection zone.

Composition of Source, Formation, and Injectate Water: A water sample analysis was not required as part of the application to add this well to the area permit because EPA considers the water quality of the injection zone to be well documented. Area UIC Permit UT20642-00000 and Statement of Basis describe originally in place formation fluid within the injection zone to be greater than 10,000 mg/l Total Dissolved Solids (TDS) content. However, due to injection of relatively fresh water for the purpose of enhanced oil recovery within the permit area, produced water samples showing TDS values less than 10,000 mg/l have occurred and this occurrence has been observed to increase in frequency with time. Newfield has demonstrated and EPA has confirmed that freshening of the injection zone is occurring and that more recent water samples showing TDS values less than 10,000 mg/l are not likely representative of the original formation fluid at or near this well. EPA considers the presence of waters less than 10,000 mg/l within the injection zone to be a temporary, artificial condition and therefore does not require an aquifer exemption to allow injection to occur.

The injectate is water from a Monument Butte Field Injection Facility and consists of culinary water from the Johnson Water District and/or water from the Green River, blended with produced Green River Formation water and resulting in TDS content less than 10,000 mg/l.

Confining Zone: A *Confining Zone* is a geological formation, group of formations, or part of a formation that is capable of limiting fluid movement above an injection zone. The designated Confining Zone for this well consists of three interbedded, thick impervious shales, confining marlstones and siltstones. The Confining Zone extends from approximately 200 feet above the Garden Gulch Marker to the top of the Garden Gulch Number 2 Sand within the Garden Gulch Member of the Green River Formation. This interval is found between the depths of 3,970 feet to 4,466 feet in the Federal 1-26-8-17 Type Gamma Log for the Monument Butte Field.

Injection Zone: An *injection zone* is a geological formation, group of formations, or part of a formation that receives fluids through a well. The Injection Zone for this well consists of the lower part of the Garden Gulch member starting at the top of the Garden Gulch #2 Sand and includes the Douglas Creek and Basal Carbonate members of the Green River Formation to the top of the Wasatch Formation.

Well Construction: This well was constructed according to BLM requirements and controls for production wells at the time of well completion. However, the Cement Bond Log (CBL) does not show a sufficient interval of continuous 80 percent or greater cement bond index through the Confining Zone. Therefore, further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is required.

Surface Casing: 8-5/8" casing is set at 295 ft. in a 12-1/4" hole, using 120 sacks Premium cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,690 ft. in a 7-7/8" hole secured with 730 sacks of cement. Total driller depth is 5,700 ft. Plugged back total depth is 5,637 ft. EPA calculates top of cement at 852 ft. Estimated CBL top of cement is 120 ft.

Perforations: Top perforation: 4,734 ft. Bottom perforation: 5,026 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following seven wells that penetrate the confining zone within or proximate to a 1/4-mile radius around the Jonah 7-7-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Jonah 8-7-9-17 API: 43-013-31989 SENE Sec. 7-T9S-R17E
Injection well authorized by UIC Permit UT20642-04445.
Top of cement above top of Confining Zone, but lacks 80% bond index cement bond within Confining Zone. No RTS of record.

Beluga 10-7-9-17 API: 43-013-32048 NWSE Sec. 7-T9S-R17E
Injection well authorized by UIC Permit 20798-06372.
Top of cement above top of Confining Zone, but lacks 80% bond index cement bond in Confining Zone. RTS approved December 14, 2009.

Monument Federal 31-7J-9-17 API: 43-013-31405 NWNE Sec. 7-T9S-R17E
Injection well authorized by UIC Permit UT20642-04211.
Top of cement above top of Confining Zone, but lacks 80% bond index cement bond within Confining Zone. No RTS of record.

Greater Monument Butte H-7-9-17 API: 43-013-50481 SHL: NWNE Sec. 7-T9S-R17E
BHL: SWNE Sec. 7-T9S-R17E

GMB I-7-9-17 API: 43-013-50482 SHL: NWNE Sec. 7-T9S-R17E
BHL: SENE Sec. 7-T9S-R17E

Greater Monument Butte L-7-9-17 API: 43-013-50483 SHL: SENE Sec. 7-T9S-R17E
BHL: NWSE Sec. 7-T9S-R17E

GMBU M-7-9-17 API: 43-013-50484 SHL: NESW Sec. 7-T9S-R17E
BHL: SWNE Sec. 7-T9S-R17E

No Corrective Action Required on AOR wells: EPA reviewed all wells penetrating the Confining Zone within a 1/4-mile radius of the proposed injection well and determined that cement in these wells is adequate to prevent the movement of fluid into USDWs. Top of cement is above the base of the Confining Zone in all AOR wells.

Reporting of Noncompliance:

- 1) **Anticipated Noncompliance.** The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- 2) **Compliance Schedules.** Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.
- 3) **(Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause, the period of noncompliance including dates and times, if the noncompliance has not been corrected the anticipated time it is expected to continue, and steps taken or planned to prevent or reduce recurrence of the noncompliance.**

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- 1) Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water.
- 2) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>.

Other Noncompliance: The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two weeks of the time such information became known.

Spud Date: 1-20-98
Put on Production: 2-13-98
GL: 5307' KB: 5319'

Jonah 7-7-9-17

Initial Production: 79 BOPD, 60 MCFD, 5 BOPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (294')
DEPTH LANDED: 295'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt; est 8 bbl cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts (5679')
DEPTH LANDED: 5690'
HOLE SIZE: 7-7/8"
CEMENT DATA: 415 sk Hibond & 315 sxs Thixotropic
CEMENT TOP AT:

Tubing Record

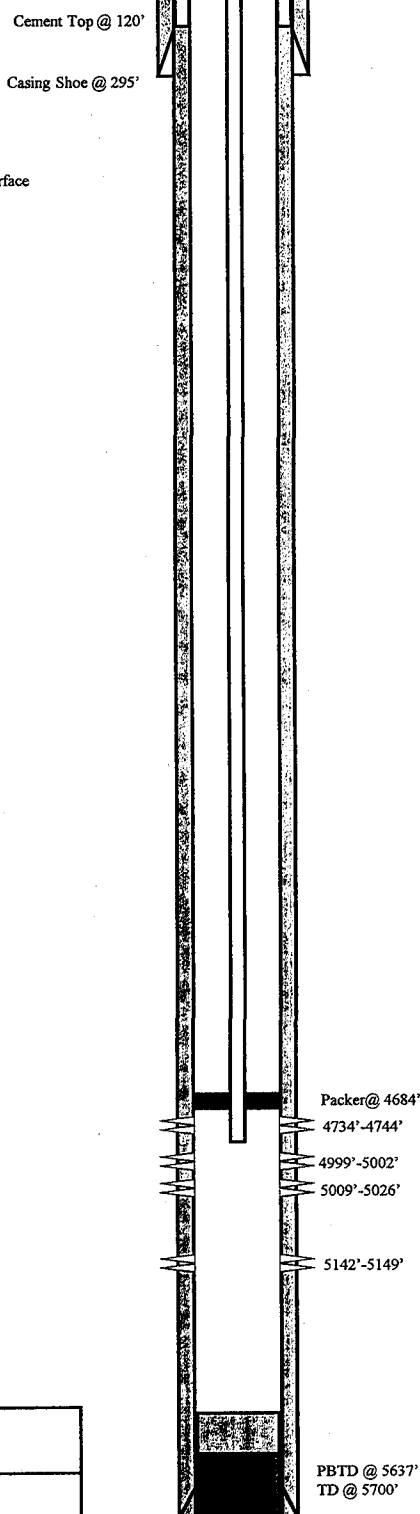
SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 164 jts (5091.43')
TUBING ANCHOR: 5103.43' KB
NO. OF JOINTS: 2 jts (60.71')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5166.94'
NO. OF JOINTS: 2 jts (63.55')
TOTAL STRING LENGTH: EOT @ 5232.04'

FRAC JOB

2-8-98 4999'-5149' **Frac A/LDC sands as follows:**
127,200# 20/40 sand in 606 bbls Delta Frac. Breakdown @ 2172 psi. Treated w/avg press of 1965 psi w/avg rate of 35.4 BPM. ISIP-2232 psi, 5 min 2062 psi. Flowback on 12/64" ck for 2-1/2 hrs & died.
2-11-98 4734'-4744' **Frac C sand as follows:**
111,400# 20/40 sand in 540 bbls Delta Frac. Breakdown @ 2477 psi. Treated w/avg press of 1900 psi w/avg rate of 25.9 BPM. ISIP-2437 psi, 5 min 22450 psi. Flowback on 12/64" ck for 4 hrs & died.
03/10/07 **Tubing Leak:** Updated rod and tubing detail.

PERFORATION RECORD

2-7-98	4999'-5002'	4 SPF	12 holes
2-7-98	5009'-5026'	4 SPF	68 holes
2-7-98	5142'-5149'	4 SPF	28 holes
2-10-98	4734'-4744'	4 SPF	40 holes



NEWFIELD

Jonah 7-7-9-17

2111' FNL 1905' FEL

SWNE Section 7-T9S-R17E

Duchesne Co, Utah

API #43-013-31988; Lease #UTU-44426

JL 12/16/10

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-44426
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: JONAH 7-7
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2111 FNL 1905 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 07 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013319880000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/5/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 12/03/2012. On 12/04/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 12/05/2012 the casing was pressured up to 1115 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20642-09632		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 12, 2012		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/10/2012	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____

Date: 12 / 5 / 2012Test conducted by: Cody Marx

Others present: _____

Well Name: <u>Jonah Federal 7-7-9-17</u>		Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>			
Location: <u>SW/NE</u>	Sec: <u>7</u>	T <u>9</u> N/S R <u>17</u> E/W	County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>Cody Marx</u>			
Last MIT: <u>/ /</u>		Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test?

☐ Yes☒ No

Initial test for permit?

☒ Yes☐ No

Test after well rework?

☐ Yes☒ No

Well injecting during test?

☐ Yes☒ No

If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 1115 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>150</u> psig	psig	psig
End of test pressure	<u>150</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1115</u> psig	psig	psig
5 minutes	<u>1115</u> psig	psig	psig
10 minutes	<u>1115</u> psig	psig	psig
15 minutes	<u>1115</u> psig	psig	psig
20 minutes	<u>1115</u> psig	psig	psig
25 minutes	<u>1115</u> psig	psig	psig
30 minutes	<u>1115</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Daily Activity Report

Format For Sundry

JONAH 7-7-9-17

9/1/2012 To 1/30/2013

12/5/2012 Day: 1

Conversion

WWS #7 on 12/5/2012 - miru bdpu pump eo bw down csg unseat pump flush rods w/ 50 BW seat pump psi - flush tbg w/ 50 BW count TOO H talling TBG breaking inspecting green doping every connection w/129 jts 2-7/8 j-55 tbg LD 15 jts tac 2 jts SN 2 jts NC tih w/ 2-3/8 re-entry guide 2-3/8 x/n nipple 1.875 profile 2-3/8 tbg sub 2-3/8 x 2-7/8 x/o 5-1/2 AS-1x PKR on/off tool 2-7/8 SN 149 JTS 2-7/8 j-55 tbg pump 20 BW DNP SV psi test tbg w/ 20 bbl Mix pkr fluid w/ fresh water pump 40 bb; down csg ND bop set pkr@ 4,662' for 16,000 tension sn@ 4656' X/N @ 4670' eot@4,672' 62' above top pece nuwh psi test csg to 6500 psi w/30 bw took 1 hr to good test rd rig ready toload in the am - flush tbg w/ 50 BW count TOO H talling TBG breaking inspecting green doping every connection w/129 jts 2-7/8 j-55 tbg LD 15 jts tac 2 jts SN 2 jts NC tih w/ 2-3/8 re-entry guide 2-3/8 x/n nipple 1.875 profile 2-3/8 tbg sub 2-3/8 x 2-7/8 x/o 5-1/2 AS-1x PKR on/off tool 2-7/8 SN 149 JTS 2-7/8 j-55 tbg pump 20 BW DNP SV psi test tbg w/ 20 bbl Mix pkr fluid w/ fresh water pump 40 bb; down csg ND bop set pkr@ 4,662' for 16,000 tension sn@ 4656' X/N @ 4670' eot@4,672' 62' above top pece nuwh psi test csg to 6500 psi w/30 bw took 1 hr to good test rd rig ready toload in the am - miru bdpu pump eo bw down csg unseat pump flush rods w/ 50 BW seat pump psi test tbg to 3000 psi w/20 bw good test id 1-1/2x22 polish rod 4' 8x 3/4 ponys 95 4 per 3/4 flush rods w/ 50 bw ld 84- slk 3/4 22-4 per 3/4, 4-1-1/2 wt bars pump X/O to tbg eq NDWH release jac NUBOP RU tbg eq flush tbg w 50 bw TOO H Tolling tbg break and green doping, - miru bdpu pump eo bw down csg unseat pump flush rods w/ 50 BW seat pump psi test tbg to 3000 psi w/20 bw good test id 1-1/2x22 polish rod 4' 8x 3/4 ponys 95 4 per 3/4 flush rods w/ 50 bw ld 84- slk 3/4 22-4 per 3/4, 4-1-1/2 wt bars pump X/O to tbg eq NDWH release jac NUBOP RU tbg eq flush tbg w 50 bw TOO H Tolling tbg break and green doping,

Daily Cost: \$0

Cumulative Cost: \$18,073

12/6/2012 Day: 3

Conversion

Rigless on 12/6/2012 - Conduct initial MIT - On 12/04/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 12/05/2012 the casing was pressured up to 1115 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20642-09632 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$113,438

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: JONAH 7-7
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2111 FNL 1905 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 07 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013319880000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/22/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Put on Injection"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 12:00 PM on 01/22/2013. EPA # UT22197-09632</p> </div> <div style="width: 35%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 14, 2013</p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/22/2013	

Spud Date: 1-20-98
 Put on Production: 2-13-98
 GL: 5307' KB: 5319'

Jonah 7-7-9-17

Initial Production: 79 BOPD, 60
 MCFD, 5 BOPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (294')
 DEPTH LANDED: 295'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt; est 8 bbl cmt to surface

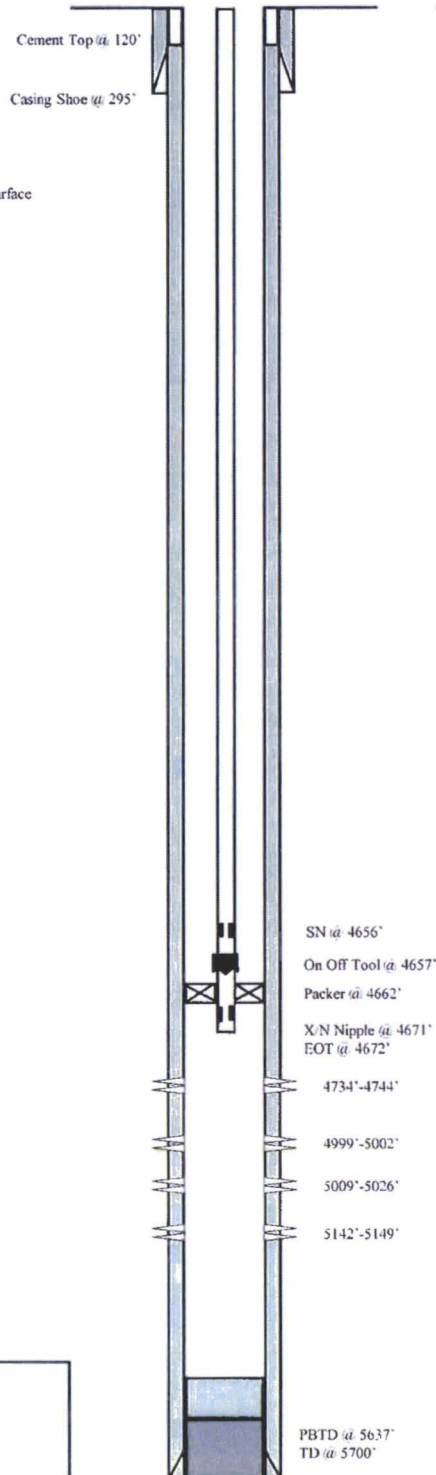
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts (5679')
 DEPTH LANDED: 5690'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 415 sk Hibond & 315 sxs Thixotropic
 CEMENT TOP AT:

TUBING

SIZE GRADE/WT.: 2-7/8" J-55 / 6.5#
 NO. OF JOINTS: 149 jts (4644.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4656.1' KB
 ON/OFF TOOL AT: 4657.2'
 ARROW #1 PACKER CE AT: 4662'
 XO 2-3/8 x 2-7/8 J-55 AT: 4666.2'
 TBG PUP 2-3/8 J-55 AT: 4666.7'
 X/N NIPPLE AT: 4670.9'
 TOTAL STRING LENGTH: EOT @ 4672'

Injection Wellbore Diagram




FRAC JOB

2-8-98 4999'-5149' **Frac A/LDC sands as follows:**
 127,200# 20/40 sand in 606 bbls Delta
 Frac. Breakdown @ 2172 psi. Treated
 w/avg press of 1965 psi w/avg rate of
 35.4 BPM. ISIP-2232 psi, 5 min 2062
 psi. Flowback on 12/64" ck for 2-1/2
 hrs & died.
 2-11-98 4734'-4744' **Frac C sand as follows:**
 111,400# 20/40 sand in 540 bbls Delta
 Frac. Breakdown @ 2477 psi. Treated
 w/avg press of 1900 psi w/avg rate of
 25.9 BPM. ISIP-2437 psi, 5 min 22450
 psi. Flowback on 12/64" ck for 4
 hrs & died.
 03-10-07 **Tubing Leak:** Updated rod and tubing
 detail.
 12/03/2012 **Convert to Injection Well**
 12/05/2012 **Conversion MIT Finalized** - update tbg
 detail

PERFORATION RECORD

2-7-98	4999'-5002'	4 SPF	12 holes
2-7-98	5009'-5026'	4 SPF	68 holes
2-7-98	5142'-5149'	4 SPF	28 holes
2-10-98	4734'-4744'	4 SPF	40 holes



Jonah 7-7-9-17
 2111' FNL 1905' FEL
 SWNE Section 7-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31988; Lease #UTU-44426

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: JONAH 7-7
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2111 FNL 1905 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 07 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013319880000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/2/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Casing Leak"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The cement job on the above mentioned well to repair the casing leak was completed on 11/2/2016. See attached rig summary report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 25, 2016		
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 11/3/2016	

NEWFIELD**Summary Rig Activity****Well Name: Jonah 7-7-9-17**

Job Category Production / Workover	Job Start Date 10/26/2016	Job End Date 11/2/2016
---------------------------------------	------------------------------	---------------------------

Daily Operations

Report Start Date 10/26/2016	Report End Date 10/26/2016	24hr Activity Summary MIRUSU. Flow well back. RU BOP's. Release pkr. Circulate oil out. TOOH w/ tbg. RU Tools. TIH w/ 20 stds.
Start Time 11:00	End Time 13:00	Comment MIRUSU. Held safety meeting. Open well to tank w/ 150 psi on tbg, 600 psi on casing. Flowed back 20 bbl wtr and chemical.
Start Time 13:00	End Time 14:00	Comment Pump 5 bbls wtr down casing to kill well, wtr turned to oil in flow back. RD injection valve. RU 5K BOP's.
Start Time 14:00	End Time 15:00	Comment Relesae pkr. RU Hot Oiler and circulate 60 bbls down tbg w/ chemical.
Start Time 15:00	End Time 17:00	Comment TOOH w/ 149 jts J-55, 2-7/8" tbg. LD AS1 BHA. Tally out. Well staying full on way out.
Start Time 17:00	End Time 18:30	Comment RU 5-1/2" TS RBP, ON/OFF tool, 4' x 2-3/8" pup jt, HD pkr, 2-7/8" X/O sub. 2-7/8" SN. TIH w/ 81 jts tbg, SIFN. Continue TIH in morning.
Start Time 18:30	End Time 19:00	Comment Crew Travel
Report Start Date 10/27/2016	Report End Date 10/27/2016	24hr Activity Summary Continue TIH w/ tbg. Set and test tools. Work tools up well from top of perms to locate hole in casing. Retrieve tools. TOOH w/ tbg. LD tools. RIH w/ WL and set Composit plug. RIH w/ tbg to set Cement Retainer.
Start Time 06:00	End Time 07:00	Comment Travel to location. Start equipment. Held safety meeting.
Start Time 07:00	End Time 07:30	Comment Open well to flow back oil. Circulate 30 bbls down tbg. Continue TIH w/ tbg. Set RBP @ 4664'.
Start Time 07:30	End Time 09:00	Comment Drop std valve. Test tbg to 3000 psi w/ 10 bbls wtr.
Start Time 09:00	End Time 09:30	Comment RU sandline and retrieve STD vlv.
Start Time 09:30	End Time 10:00	Comment Set pkr @ 4617' and test tools to 1500 psi.
Start Time 10:00	End Time 10:30	Comment Release pkr and TOOH w/ 19 stds to set pkr @ 3434'. Test down tbg to 1525 psi. Good test. Well still flowing 1/4 bpm up csg.
Start Time 10:30	End Time 13:30	Comment Continue moving pkr up and down well to find hole from 3418' to 3408'. Injection rate is 1/4 bpm @ 1300 psi. Well flowing 1/4 bpm from HIC W/ 20% oil cut.. Pressure build up test was 400 psi in 6 min. Levels out @ 500 psi in 12 min.
Start Time 13:30	End Time 14:00	Comment Release pkr. TIH w/ tbg. Release RBP @ 4664'.
Start Time 14:00	End Time 15:00	Comment TOOH w/ 149 jts tbg, LD HD (pkr), TS (RBP).
Start Time 15:00	End Time 16:00	Comment RU Extreme WLT. RIH w/ solid composite plug. Set @ 3440'. RD WLT.
Start Time 16:00	End Time 19:00	Comment RU cement retainer. TIH w/ 1jt, SN, 107 jts tbg, 2- 10' X 2-7/8" pup jts. Well is flowing up casing on way in hole. Set cast iron Cement retainer @ 3388'. Well started flowing up tbg. SIFN. Pumped 45 bbls today. RU Halliburton and pump cement in morning.
Report Start Date 10/28/2016	Report End Date 10/28/2016	24hr Activity Summary RU halliburton. Squeezed cement. TOOH w/ tbg. LD stinger. TIH w/ bit.
Start Time 06:00	End Time 07:00	Comment Travel to location. Start equipment. Held safety meeting.

NEWFIELD**Summary Rig Activity****Well Name: Jonah 7-7-9-17**

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Start Time 07:00	End Time 09:30	Comment Wait on Halliburton. RU washington rubber.
Start Time 09:30	End Time 13:30	Comment Open well w/ 600 psi on tbq. 0 psi on casing. Held safety meeting. RU Halliburton. Pressure test lines to 3630 psi. Get inj rate .5 bpm @ 1225, 1 bpm @ 2200 psi. ISIP was 1200 psi. Mix 50 sxs Finecem w/ 7.5 bbls wtr to get 13.0 ppg of .84yield. Pumped 18.6 bbls displacement. ISIP was 2092 psi. Hesatate 3 time 15 min each. Last pumped was 1/4 bbl @ .5 bpm @ 1472 psi. HES released pressure. TOO H w/ 3 jts. Circulated down casing w/ HES @ 3 bpm for 40 bbls. Recovered .3 bbls of cement to rig tank. RD HES trucks.
Start Time 13:30	End Time 15:00	Comment TOOH w/ 107 jts tbq, SN, 1 jt tbq, Stinger.
Start Time 15:00	End Time 16:30	Comment PU TIH w/ 4-3/4" Varel rock bit and bit sub, 89 jts tbq to leave EOT @ 2788'. SIFN. We'll TIH w/ tbq and drlg out CICR Monday.

Report Start Date 10/31/2016	Report End Date 10/31/2016	24hr Activity Summary RIH 20 JNTS out of derrick tagging top of cement @ 3378' RU RBS power swivel Break circulation, drill through 10' of cement tagging retainer @ 3388' drill out retainer, Drill down through another 30' of cement, to 3430', 12' below hole Circulate hole clean, rolled 120 BBLs Pressure up CSG to 1,000psi, let sit for 30 min, loosing 15psi Drill down through 10' more cement tagging plug @ 3440' drill through plug RIH 40 more JNTS out of derrick, PU 20 JNTS off trailer down to 5276, making sure end of plug fell through all perfs RU LD line, LD 20 JNTS, POOH W/ 109 JNTS, PU 6' sub to lock in rams, SWIFN
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Start Time 06:00	End Time 06:30	Comment Crew Travel
Start Time 06:30	End Time 07:00	Comment Crew safety meeting, discussed rig JSA
Start Time 07:00	End Time 07:30	Comment RIH 20 JNTS out of derrick tagging top of cement @ 3378'
Start Time 07:30	End Time 08:00	Comment RU RBS power swivel
Start Time 08:00	End Time 12:00	Comment Break circulation, drill through 10' of cement tagging retainer @ 3388' drill out retainer, Drill down through another 30' of cement, to 3430', 12' below hole
Start Time 12:00	End Time 13:00	Comment Circulate hole clean, rolled 120 BBLs
Start Time 13:00	End Time 14:30	Comment Pressure up CSG to 1,000psi, let sit for 30 min, loosing 15psi
Start Time 14:30	End Time 15:00	Comment Drill down through 10' more cement tagging plug @ 3440' drill through plug
Start Time 15:00	End Time 16:00	Comment RIH 40 more JNTS out of derrick, PU 20 JNTS off trailer down to 5276, making sure end of plug fell through all perfs
Start Time 16:00	End Time 17:30	Comment RU LD line, LD 20 JNTS, POOH W/ 109 JNTS, PU 6' sub to lock in rams, SWIFN
Start Time 17:30	End Time 18:00	Comment Crew travel from location to yard

Report Start Date 11/1/2016	Report End Date 11/1/2016	24hr Activity Summary TOOH w/ tbq. LD bit. RU Injection BHA. TIH w/ tbq. Test tbq. RD BOP's. Pump pkr fluid. Set pkr. Test pkr and casing.
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NEWFIELD**Summary Rig Activity****Well Name: Jonah 7-7-9-17**

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Start Time 06:00	End Time 07:00	Comment Travel to location. Start equipment. Held safety meeting.
Start Time 07:00	End Time 08:00	Comment Continue TOOH w/ tbg. LD bit and bit sub.
Start Time 08:00	End Time 11:00	Comment TIH w/ tbg. Breaking and doping collars. RU WL entry guide, XN Nipple, 2 3/8' x 4' pup jt, X/O sub, AS1 pkr, ON/OFF tool, PSN, 149 jts 2 7/8" J-55 tbg. Had to stop w/ 20 stds in and circulate oil out w/ 20 bbls wtr.
Start Time 11:00	End Time 12:00	Comment Drop std valve. Test tbg to 3000 psi w/ 15 bbls wtr. Had to run 2 tests. First one gained presuure. 2nd was good. RU sand line & fish strd vlv.
Start Time 12:00	End Time 13:00	Comment RD BOP's.
Start Time 13:00	End Time 14:00	Comment RU hot oiler and pump 75 bbls of pkr fluid down casing.
Start Time 14:00	End Time 15:00	Comment Set pkr @ 4659' in 15K tension w/ CE @ 4662.7' and EOT @ 4672.4'
Start Time 15:00	End Time 17:30	Comment Ran 5 tests from 1150 psi. first test lost 50 psi in ten minutes. Last test lost 60 psi in 30 min. Pressure casing to 1150 psi and leave overnight. Run MIT in morning.
Report Start Date 11/2/2016	Report End Date 11/2/2016	24hr Activity Summary Open well. Test casing for MIT. RDMOSU.
Start Time 06:00	End Time 07:00	Comment Crew travel. Start equipment. Held safety meeting.
Start Time 07:00	End Time 13:00	Comment Open well w/ 700 psi on casing and 600 psi on tbg. RU NFX water technician (Mike) to record MIT. RU hot oiler and pressure casing to 1150 psi. Test for 30 min and lost 145 psi. Tested several times w/ less bleed off. Final test was 1025 psi in 30 min psi was 948. Workover MIT performed on the above listed well. On 11/02/2016 the csg was pressured up to 949 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 620 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-09632
Start Time 13:00	End Time 14:00	Comment RDMOSU. Well is Shut in. Final Report.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-44426
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: JONAH 7-7
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2111 FNL 1905 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 07 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013319880000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/2/2016
<input type="checkbox"/> SPUD REPORT Date of Spud:	OTHER: <input style="width: 100px;" type="text" value="Workover MIT"/>			
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well had workover procedures performed (casing repair), attached is a daily status report. Workover MIT performed on the above listed well. On 11/02/2016 the csg was pressured up to 949 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 620 psig during the test. There was not an EPA representative available to witness the test.

EPA #UT22197-09632

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 November 30, 2016

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/9/2016	

Schematic



Well Name: Jonah 7-7-9-17

Surface Legal Location 07-9S-17E				API/UWI 43013319880000	Well RC 500151692	Lease	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 1/20/1998	Rig Release Date	On Production Date 2/13/1998	Original KB Elevation (ft) 5,319	Ground Elevation (ft) 5,307	Total Depth All (TVD) (ftKB)			PBD (All) (ftKB) Original Hole - 5,637.0	

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Production / Workover	Repairs	Casing Repair	10/26/2016	11/2/2016

 TD: 5,700.0 |

Vertical - Original Hole, 11/9/2016 9:07:35 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
11.8			DLS (°...)	
12.1				
13.1				
20.0				
294.9				2-1; Stretch Correction; 2 7/8; 2.44; 12-13; 1.10
319.9				1; Surface; 8 5/8 in; 8.10 in; 12-295 ftKB; 283.00 ft
3,000.0				2-2; Tubing; 2 7/8; 2.44; 13-4,045; 4,032.00
3,408.1				
3,418.0				
3,428.1				
3,438.0				
4,044.9				
4,046.3				2-3; Pump Seating Nipple; 2 7/8; 2.27; 4,045-4,046; 1.10
4,047.6				2-4; On-Off Tool; 4.52; 1.88; 4,046-4,048; 1.45
4,054.5				2-5; Packer; 4 5/8; 2.44; 4,048-4,054; 6.84
4,054.8				2-6; Cross Over; 3.64; 2.38; 4,054-4,055; 0.41
4,059.1				2-7; Tubing Pup Joint; 2 3/8; 2.04; 4,055-4,059; 4.10
4,060.0				2-8; XN Nipple; 2 3/8; 2.04; 4,059-4,060; 1.07
4,060.4				2-9; Wireline Re-Entry Guide; 3 1/8; 2.04; 4,060-4,060; 0.37
4,733.9				
4,744.1				Perf; 4,734-4,744; 2/10/1998
4,999.0				
5,002.0				Perf; 4,999-5,002; 2/7/1998
5,008.9				
5,025.9				Perf; 5,009-5,026; 2/7/1998
5,142.1				
5,149.0				Perf; 5,142-5,149; 2/7/1998
5,637.1				
5,638.1				
5,643.0				
5,685.0				
5,690.0				2; Production; 5 1/2 in; 4.95 in; 20-5,690 ftKB; 5,670.00 ft
5,700.1				

NEWFIELD**Vertical Wellbore Diagram Data**
Jonah 7-7-9-17

Surface Legal Location 07-9S-17E		API/UWI 43013319880000		Lease
County Duchesne	State/Province Utah	Basin Uintah Basin		Field Name GMBU CTB5
Well Start Date 1/20/1998	Spud Date 1/20/1998	Final Rig Release Date		On Production Date 2/13/1998
Original KB Elevation (ft) 5,319	Ground Elevation (ft) 5,307	Total Depth (ftKB) 5,700.0	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,637.0

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	1/22/1998	8 5/8	8.10	24.00	J-55	295
Production	1/28/1998	5 1/2	4.95	15.50	J-55	5,690

Cement**String: Surface, 295ftKB 1/22/1998**

Cementing Company Halliburton Energy Services	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 320.0	Full Return? No	Vol Cement Ret (bbl)
Fluid Description Cement w/ 120 sxs Premium Plus w/ 2% CC, 2% gel, 1/2#/sk Flocele (14.8ppg 1.37 cf/sk yield). Est 8 bbl cement returns	Fluid Type Lead	Amount (sacks) 120	Class Premium Plus	Estimated Top (ftKB) 12.0

String: Production, 5,690ftKB 1/28/1998

Cementing Company Halliburton Energy Services	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 3,000.0	Full Return? No	Vol Cement Ret (bbl)
Fluid Description Cement w/ 415 sxs Hibond 65 modified (11 ppg 3cf/sk yield)	Fluid Type Lead	Amount (sacks) 415	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,690ftKB 1/28/1998

Cementing Company Halliburton Energy Services	Top Depth (ftKB) 3,000.0	Bottom Depth (ftKB) 5,700.0	Full Return? No	Vol Cement Ret (bbl)
Fluid Description cement w/ 315 sxs Thixotropic & 10% calseal (14.2ppg 1.59 cf/sk yield). Est 17 bbl returns	Fluid Type Tail	Amount (sacks) 315	Class G	Estimated Top (ftKB) 3,000.0

String: Production, 5,690ftKB 11/2/2016

Cementing Company Halliburton Energy Services	Top Depth (ftKB) 3,408.0	Bottom Depth (ftKB) 3,418.0	Full Return? No	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Squeeze	Amount (sacks)	Class	Estimated Top (ftKB) 3,408.0

Perforation Intervals

Stage#	Top (ftKB)	Btm (ftKB)	Linked Zone	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
1	4,999	5,149	A/LODC, Original Hole	4			2/7/1998
2	4,734	4,744	C, Original Hole	4			2/10/1998

Pumping Summary

Interval Number	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Link to Proppant	Proppant Mass (lb)	Vol Clean Total (bbl)	Vol Slurry Total (bbl)	Vol Recov Total (bbl)
1	2,232				White Sand, 20/40	127,200.0	0.00	0	0.00
2	2,437				White Sand, 20/40	111,400.0	0.00	0	0.00

Tubing Strings

Tubing Description Tubing				Run Date 11/1/2016			Set Depth (ftKB) 4,060.4		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	
Stretch Correction	1	2 7/8	2.44	6.50	J-55	1.10	12.0	13.1	
Tubing	128	2 7/8	2.44	6.50	J-55	4,032.00	13.1	4,045.1	
Pump Seating Nipple	1	2 7/8	2.27			1.10	4,045.1	4,046.2	
On-Off Tool	1	4.515	1.88			1.45	4,046.2	4,047.6	
Packer	1	4 5/8	2.44			6.84	4,047.6	4,054.5	
Cross Over	1	3.635	2.38			0.41	4,054.5	4,054.9	
Tubing Pup Joint	1	2 3/8	2.04	6.50	L-80	4.10	4,054.9	4,059.0	
XN Nipple	1	2 3/8	2.04			1.07	4,059.0	4,060.0	
Wireline Re-Entry Guide	1	3 1/8	2.04			0.37	4,060.0	4,060.4	

Rod Strings

Rod Description				Run Date			Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 11 / 02 / 16
Test conducted by: Michael Jensen
Others present: _____

Well Name: <u>Jonah 7-7-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Great Monument Butte</u>		
Location: <u>SW/NE</u> Sec: <u>7</u> T <u>9</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W County: <u>Adams</u> State: <u>UT</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: <u>2047</u>	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☒ Yes ☐ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/620 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	620 psig	psig	psig
End of test pressure	620 psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	1025.2 psig	psig	psig
5 minutes	1008.4 psig	psig	psig
10 minutes	994.0 psig	psig	psig
15 minutes	980.8 psig	psig	psig
20 minutes	969.0 psig	psig	psig
25 minutes	958.6 psig	psig	psig
30 minutes	948.6 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

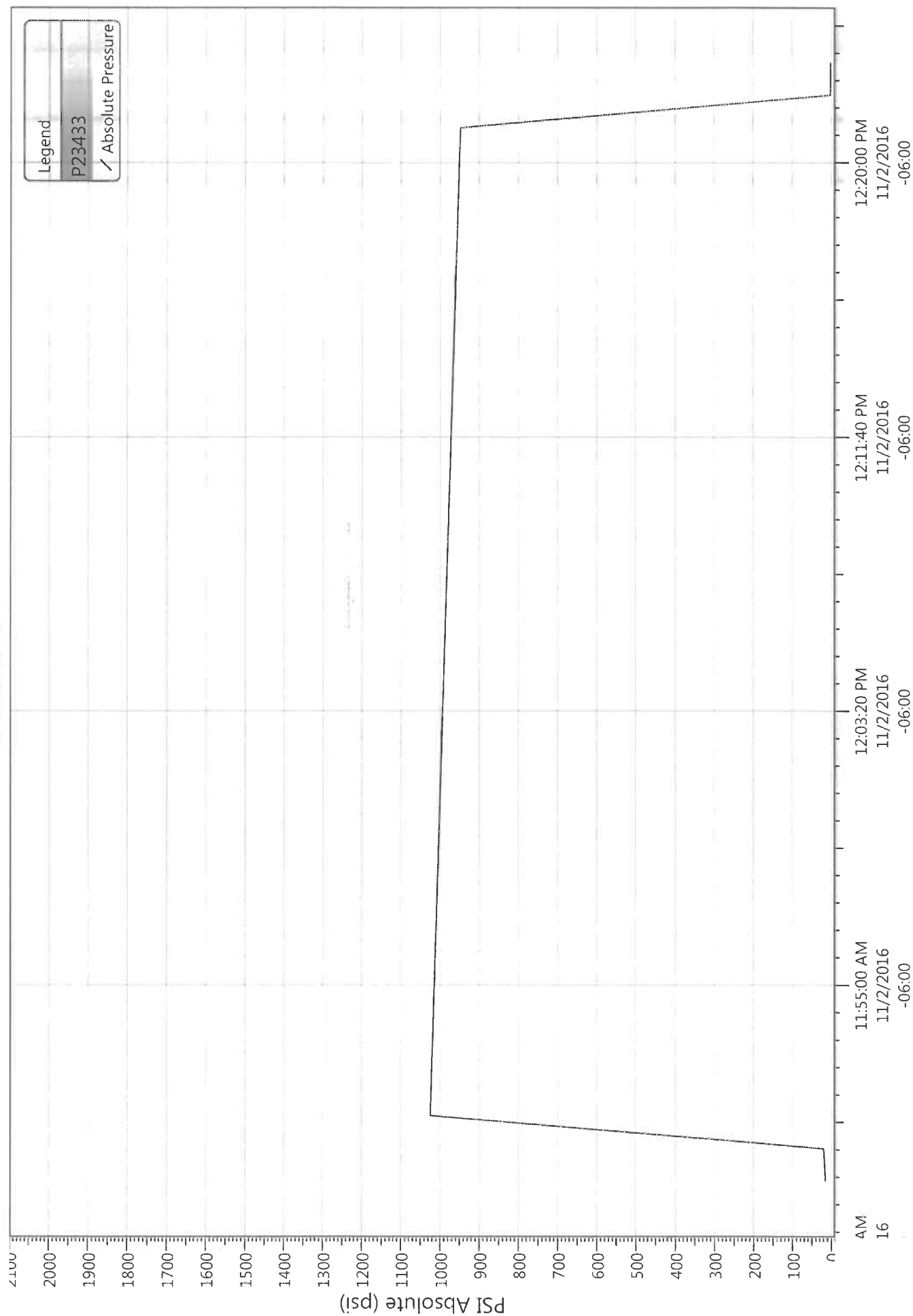
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Jonah 7 7 9 17 Workover MIT(11-2-16)

11/2/2016 11:48:57 AM





Job Detail Summary Report

Well Name: Jonah 7-7-9-17

Jobs

Primary Job Type Repairs	Job Start Date 10/26/2016	Job End Date 11/2/2016
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Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
10/26/2016	10/26/2016	MIRUSU, Flow well back. RU BOP's. Release pkr. Circulate oil out. TOOH w/ tbg. RU Tools. TIH w/ 20 stds.
Start Time 11:00	End Time 13:00	Comment MIRUSU. Held safety meeting. Open well to tank w/ 150 psi on tbg. 600 psi on casing. Flowed back 20 bbl wtr and chemical.
Start Time 13:00	End Time 14:00	Comment Pump 5 bbls wtr down casing to kill well, wtr turned to oil in flow back. RD injection valve. RU 5K BOP's.
Start Time 14:00	End Time 15:00	Comment Release pkr. RU Hot Oiler and circulate 60 bbls down tbg w/ chemical.
Start Time 15:00	End Time 17:00	Comment TOOH w/ 149 jts J-55, 2-7/8" tbg. LD AS1 BHA. Tally out. Well staying full on way out.
Start Time 17:00	End Time 18:30	Comment RU 5-1/2" TS RBP, ON/OFF tool, 4' x 2-3/8" pup jt, HD pkr, 2-7/8" X/O sub. 2-7/8" SN. TIH w/ 81 jts tbg, SIFN. Continue TIH in morning.
Start Time 18:30	End Time 19:00	Comment Crew Travel
Report Start Date	Report End Date	24hr Activity Summary
10/27/2016	10/27/2016	Continue TIH w/ tbg. Set and test tools. Work tools up well from top of perfs to locate hole in casing. Retrieve tools. TOOH w/ tbg. LD tools. RIH w/ WL and set Composi plug. RIH w/ tbg to set Cement Retainer.
Start Time 06:00	End Time 07:00	Comment Travel to location. Start equipment. Held safety meeting.
Start Time 07:00	End Time 07:30	Comment Open well to flow back oil. Circulate 30 bbls down tbg. Continue TIH w/ tbg. Set RBP @ 4664'.
Start Time 07:30	End Time 09:00	Comment Drop std valve. Test tbg to 3000 psi w/ 10 bbls wtr.
Start Time 09:00	End Time 09:30	Comment RU sandline and retrieve STD vlv.
Start Time 09:30	End Time 10:00	Comment Set pkr @ 4617' and test tools to 1500 psi.
Start Time 10:00	End Time 10:30	Comment Release pkr and TOOH w/ 19 stds to set pkr @ 3434'. Test down tbg to 1525 psi. Good test. Well still flowing 1/4 bpm up csg.
Start Time 10:30	End Time 13:30	Comment Continue moving pkr up and down well to find hole from 3418' to 3408'. Injection rate is 1/4 bpm @ 1300 psi. Well flowing 1/4 bpm from HIC W/ 20% oil cut.. Pressure build up test was 400 psi in 6 min. Levels out @ 500 psi in 12 min.
Start Time 13:30	End Time 14:00	Comment Release pkr. TIH w/ tbg. Release RBP @ 4664'.
Start Time 14:00	End Time 15:00	Comment TOOH w/ 149 jts tbg, LD HD (pkr), TS (RBP).
Start Time 15:00	End Time 16:00	Comment RU Extreme WLT. RIH w/ solid composite plug. Set @ 3440'. RD WLT.
Start Time 16:00	End Time 19:00	Comment RU cement retainer. TIH w/ 1jt. SN, 107 jts tbg, 2-10' X 2-7/8" pup jts. Well is flowing up casing on way in hole. Set cast iron Cement retainer @ 3388'. Well started flowing up tbg. SIFN. Pumped 45 bbls today. RU Halliburton and pump cement in morning.
Report Start Date	Report End Date	24hr Activity Summary
10/28/2016	10/28/2016	Squeezed cement. TOOH w/ tbg. LD stinger. TIH w/ bit.
Start Time 06:00	End Time 07:00	Comment Travel to location. Start equipment. Held safety meeting.



Job Detail Summary Report

Sundry Number: 76233 API Well Number: 43013319880000

Well Name: Jonah 7-7-9-17

Start Time 07:00	End Time 09:30	Comment Wait on Halliburton. RU Washington rubber.
Start Time 09:30	End Time 13:30	Comment Open well w/ 600 psi on tbg. 0 psi on casing. Held safety meeting. RU Halliburton. Pressure test lines to 3630 psi. Get inj rate .5 bpm @ 1225, 1 bpm @ 2200 psi. ISIP was 1200 psi. Mix 50 sxs Finccem w/ 7.5 bbls wtr to get 13.0 ppg of .84yld. Pumped 18.6 bbls displacement. ISIP was 2092 psi. Hesafate 3 time 15 min each. Last pumped was 1/4 bbl @ .5 bpm @ 1472 psi. HES released pressure. TOOHH w/ 3 Jts. Circulated down casing w/ HES @ 3 bpm for 40 bbls. Recovered .3 bbls of cement to rig tank. RD HES trucks.
Start Time 13:30	End Time 15:00	Comment TOOHH w/ 107 jts tbg, SN, 1 jt tbg, Stinger.
Start Time 15:00	End Time 16:30	Comment PU TIH w/ 4-3/4" Varel rock bit and bit sub, 89 jts tbg to leave EOT @ 2788'. SIFN. Well TIH w/ tbg and drlg out CICR Monday.
Report Start Date 10/31/2016	Report End Date 10/31/2016	24hr Activity Summary RIH 20 JNTS out of derrick tagging top of cement @ 3378' RU RBS power swivel Break circulation, drill through 10' of cement tagging retainer @ 3388' drill out retainer, Drill down through another 30' of cement, to 3430', 12' below hole Circulate hole clean, rolled 120 BBLS Pressure up CSG to 1,000psi, let sit for 30 min, loosing 15psi Drill down through 10' more cement tagging plug @ 3440' drill through plug RIH 40 more JNTS out of derrick, PU 20 JNTS off trailer down to 5276, making sure end of plug fell through all perfs RU LD line, LD 20 JNTS, POOH W/ 109 JNTS, PU 6' sub to lock in rams, SWIFN
Start Time 06:00	End Time 06:30	Comment Crew Travel
Start Time 06:30	End Time 07:00	Comment Crew safety meeting, discussed rig JSA
Start Time 07:00	End Time 07:30	Comment RIH 20 JNTS out of derrick tagging top of cement @ 3378'
Start Time 07:30	End Time 08:00	Comment RU RBS power swivel
Start Time 08:00	End Time 12:00	Comment Break circulation, drill through 10' of cement tagging retainer @ 3388' drill out retainer, Drill down through another 30' of cement, to 3430', 12' below hole
Start Time 12:00	End Time 13:00	Comment Circulate hole clean, rolled 120 BBLS
Start Time 13:00	End Time 14:30	Comment Pressure up CSG to 1,000psi, let sit for 30 min, loosing 15psi
Start Time 14:30	End Time 15:00	Comment Drill down through 10' more cement tagging plug @ 3440' drill through plug
Start Time 15:00	End Time 16:00	Comment RIH 40 more JNTS out of derrick, PU 20 JNTS off trailer down to 5276, making sure end of plug fell through all perfs
Start Time 16:00	End Time 17:30	Comment RU LD line, LD 20 JNTS, POOH W/ 109 JNTS, PU 6' sub to lock in rams, SWIFN
Start Time 17:30	End Time 18:00	Comment Crew travel from location to yard
Report Start Date 11/1/2016	Report End Date 11/1/2016	24hr Activity Summary TOOHH w/ tbg. LD bit. RU Injection BHA. TIH w/ tbg. Test tbg. RD BOP's. Pump pkr fluid. Set pkr. Test pkr and casing.



Job Detail Summary Report

Sundry Number: 76233 API Well Number: 43013319880000

Start Time 06:00	End Time 07:00	Comment Travel to location. Start equipment. Held safety meeting.
Start Time 07:00	End Time 08:00	Continue TOOH w/ tbg. LD bit and bit sub.
Start Time 08:00	End Time 11:00	TIH w/ tbg. Breaking and doping collars. RU WL entry guide, XN Nipple, 2 3/8' x 4' pup jt, X/O sub, AS1 pkr, ON/OFF tool, PSN, 149 jts 2 7/8" J-55 tbg. Had to stop w/ 20 stds in and circulate oil out w/ 20 bbls wtr.
Start Time 11:00	End Time 12:00	Drop std valve. Test tbg to 3000 psi w/ 15 bbls wtr. Had to run 2 tests. First one gained pressure. 2nd was good. RU sand line & fish strd vlv.
Start Time 12:00	End Time 13:00	RD BOP's.
Start Time 13:00	End Time 14:00	RU hot oiler and pump 75 bbls of pkr fluid down casing.
Start Time 14:00	End Time 15:00	Set pkr @ 4659' in 15K tension w/ CE @ 4662.7' and EOT @ 4672.4'
Start Time 15:00	End Time 17:30	Ran 5 tests from 1150 psi. first test lost 50 psi in ten minutes. Last test lost 60 psi in 30 min. Pressure casing to 1150 psi and leave overnight. Run MIT in morning.
Report Start Date 11/2/2016	Report End Date 11/2/2016	24hr Activity Summary Open well. Test casing for MIT. RDMOSU.
Start Time 06:00	End Time 07:00	Crew travel. Start equipment. Held safety meeting.
Start Time 07:00	End Time 13:00	Open well w/ 700 psi on casing and 600 psi on tbg. RU NFX water technician (Mike) to record MIT. RU hot oiler and pressure casing to 1150 psi. Test for 30 min and lost 145 psi. Tested several times w/ less bleed off. Final test was 1025 psi in 30 min psi was 948.
		Workover MIT performed on the above listed well. On 11/02/2016 the csg was pressured up to 949 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 620 psig during the test. There was not an EPA representative available to witness the test.
Start Time 13:00	End Time 14:00	EPA #UJ22197-09632
		RDMOSU. Well is Shut in. Final Report.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
Denver, CO 80202-1129
Phone 800-227-8917
www.epa.gov/region8

Ref: 8ENF-W-SDW

NOV 18 2016

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. J. D. Horrocks, Water Superintendent
Newfield Exploration Company
Route 3, Box 3630
Myton, Utah 84052

7 9S 17E

Re: Underground Injection Control (UIC); Permission to Resume Injection for the Jonah
7-7-9-17 Well (EPA Permit ID # UT22197-09632, API # 43-013-31988) -- Monument Butte Oil
Field, Duchesne County, Utah

Dear Mr. Horrocks:

On November 15, 2016, the Environmental Protection Agency received information by mail from Newfield Exploration Company on the above referenced well concerning the workover to address a casing leak and the follow-up mechanical integrity test (MIT) conducted on November 2, 2016. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. § 144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before November 2, 2021.

Pursuant to 40 C.F.R. § 144.52(a)(6), if the well is not used for a period of at least two (2) years (temporary abandonment), it shall be plugged and abandoned unless the EPA is notified and procedures are described to the EPA ensuring the well will not endanger underground sources of drinking water (non-endangerment demonstration) during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Any failure to comply with the UIC regulations found at 40 C.F.R. parts 144, 146, and 148 is subject to enforcement by the EPA, as provided in section 1423 of the Safe Drinking Water Act, 42 U.S.C. § 300(h)(2).

If you have any questions concerning this letter, you may contact Gary Wang at (303) 312-6469. Please direct all correspondence to the attention of Gary Wang at Mail Code 8ENF-W-SDW.

Sincerely,

Suzanne J. Bohan
Assistant Regional Administrator
Office of Enforcement, Compliance
and Environmental Justice

cc: Shaun Chapoose, Chairman, Uintah & Ouray Business Committee
Edred Secakuku, Vice-Chairman, Uintah & Ouray Business Committee
Reannin Tapoof, Executive Assistant, Uintah & Ouray Business Committee